

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

199.9
7622uf



Forest Service

Northeastern
Research Station

Resource Bulletin NE-153



Private Forest-Land Owners of New York: 1980 and 1994

Thomas W. Birch
Brett J. Butler

USDA
NAT'L AGRIC LIBRARY
2001 NOV 28 P 146
CURRENT SERIAL REPORT
ACQ/SERIALS BRANCH



Abstract

The results of a 1994 survey of forest-land ownerships in New York State are presented and compared to the results from a similar study in 1980. In 1994, there were an estimated 491,300 private forest ownerships in New York that controlled 14,367,000 acres of forest-land. This compares with 506,500 private ownerships that held 14,427,000 acres of forest land in 1980. In 1994, 85 percent of private forest-land ownerships controlled fewer than 50 acres, but 68 percent of the forest-land was controlled by ownerships with more than 50 acres. Many of these private ownerships purchased forest-land between 1980 and 1994 and owned their land because it was part of their residence, for aesthetic enjoyment or for recreational opportunities that forest lands provide. The number of white-collar and retiree owners had increased substantially between 1980 and 1994, as did the average income and amount of formal education of New York's private forest-land owners.

The Authors

THOMAS W. BIRCH, forester, received B.S. and M.S. degrees from Michigan State University in 1969 and 1974, respectively. He joined the USDA Forest Service's Northeastern Forest Experiment Station in 1974 and was a member of the Station's Forest Inventory and Analysis Unit until his death in January 2000.

BRETT J. BUTLER, research forester, received a B.S. degree from the University of Connecticut in 1995 and is currently pursuing a Ph.D. degree from Oregon State University. In 1998 he joined the Pacific Northwest Research Station and in 2000 transferred to the Northeastern Research Station's Forest Inventory and Analysis Unit in Newtown Square, Pennsylvania.

Manuscript received for publication: 24 April 2001

Published by:
USDA FOREST SERVICE
11 CAMPUS BLVD SUITE 200
NEWTOWN SQUARE PA 19073-3294

October 2001

For additional copies:
USDA Forest Service
Publications Distribution
359 Main Road
Delaware, OH 43015-8640
Fax: (740)368-0152

Visit our homepage at: <http://www.fs.fed.us/ne>

Contents

Highlights	1
Introduction	2
Statewide Results	2
Regional Results	3
Adirondack Region	3
Lake Plain Region	3
Southwest Region	4
Southeast Region	4
Types of Private Forest Ownerships	4
Businesses that Own Forest Land	5
Individuals that Own Forest Land	6
Land Tenure	6
Place of Residence and Tract Size	6
Ownership Objectives	7
Benefits from Owning Forest Land	7
Forest Management Practices	8
Management Planning	8
Forestry Assistance	9
Products Harvested	9
Timber Harvesting Behavior	10
Selection of Trees for Sale	10
Intentions to Harvest Timber in the Future	10
Recreational Uses	11
Opinions on Forestry Issues	12
Landowners and Conservation Publications	13
Conclusions	13
Acknowledgements	13
Literature Cited	13
Appendix	14
Study Method	14
Estimation Procedure	14
Data Accuracy and Reliability	15
The Survey Instrument	16
Definitions of Terms	28
Index to Tables	28
Statewide	28
Regional	29

Highlights

- ❖ In New York State in 1994, there were an estimated 491,300 private ownerships that controlled 14,367,000 acres of forest land in 1994. This compares with an estimated 506,500 private ownerships that held 14,427,000 acres of forest land in 1980.
- ❖ Of the 491,300 private ownerships, 85 percent owned fewer than 50 acres, these ownerships controlled 32 percent of the private forest land.
- ❖ Between 1980 and 1994, the area of forest land owned by retirees and white-collar workers increased, while the area owned by farmers and blue-collar workers decreased. In 1994, the average private forest-land owner was younger, had more formal education, and a higher household income than the average private forest-land owner in 1980.
- ❖ Individual and joint ownerships controlled 57 percent of the State's private forest lands, farmers controlled 25 percent, and forest industry and corporations other than forest industry each controlled 6 percent. The remaining 6 percent was held by private ownership groups such as recreational clubs and trusts.
- ❖ Six percent of the private forest-land ownerships had written management plans and they controlled 20 percent of the private forest-land.
- ❖ The most common reasons for owning private forest land were that the forest is part of an owner's residence (26 percent of the ownerships), aesthetic enjoyment (20 percent), and recreational opportunities that forest lands provide (19 percent).
- ❖ Thirty-four percent of the ownerships first acquired forest land between 1980 and 1994; these "new" owners controlled 28 percent of the private forest land.

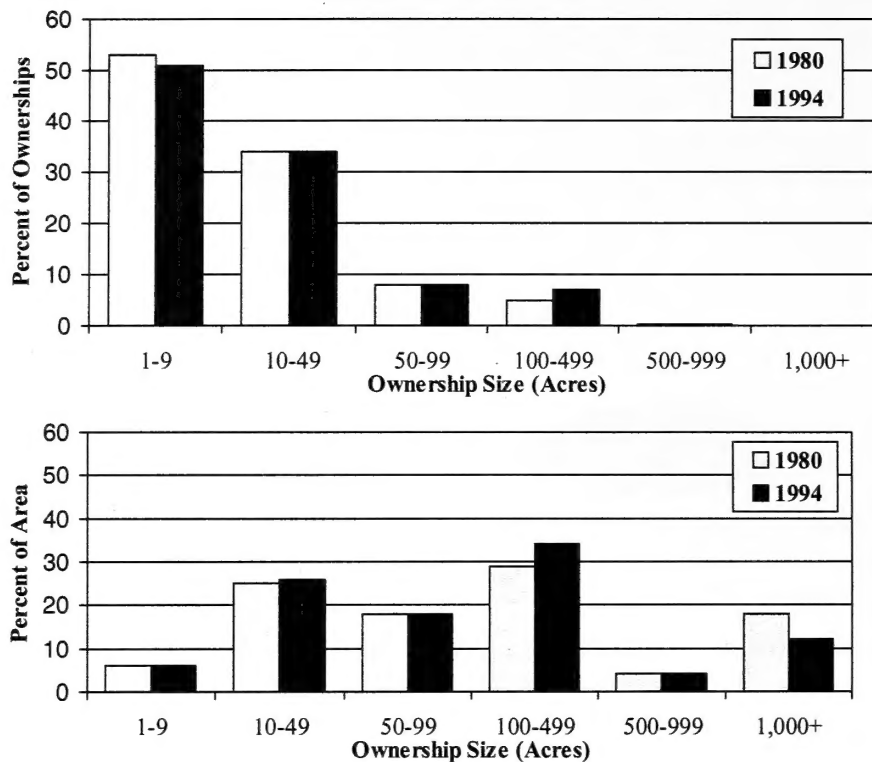


Figure 1.—Distribution of private forest ownerships in New York in 1980 and 1994, by size class of ownership.

Introduction

Forest resources are vital to the social and economic well-being of our society, and forest owners form the link between the general public and these resources. Good forest management requires a thorough knowledge of the resource base and the factors that affect it. For a clear understanding of the forest resource of New York State, information on the biologic and physical attributes of the forests must be related to the objectives and attitudes of forest-land owners. Previous surveys of these ownerships in New York were conducted in 1968 (Canham 1973) and 1980 (Birch 1983). In this publication we compare results from the 1994 and 1980 surveys. Included are data on the number of private forest-land ownerships, acreages by ownership groups, and descriptions of ownership objectives, expected benefits, harvest experiences, intentions to harvest, and management planning.

The data for this study were obtained from questionnaires mailed to the owners of more than 2,765 privately owned forested plots that were selected systematically across the State. The sampling frame was drawn from the land itself (parcel by parcel) and the owner of record was determined for each parcel. We obtained responses from 1,062 ownerships that controlled 1,255 sample locations. The principal

sampling units are termed ownerships (see Definitions of Terms in the Appendix). The results presented here have been expanded statistically from the sample to estimate population totals and averages. In addition to the definitions provided, users of this report are advised to read the discussion of the study design method and sampling errors included in the Appendix. The total area of forest land used to calculate inclusion probabilities was taken from Alerich and Drake (1995).

Statewide Results

In 1994, an estimated 491,300 private ownerships controlled 14,367,000 forested acres in New York. This compares with an estimated 506,500 private ownerships that controlled 14,427,000 acres of forest land in 1980 (Table 1). The distribution of ownership by size class changed in several categories between 1980 and 1994. The number of private ownerships with fewer than 10 acres of forest land totaled 251,100 (51 percent) in 1994 versus 270,200 (53 percent) in 1980. Of the total private ownerships in 1994, 85 percent held fewer than 50 acres, but controlled only 32 percent of the private forest land. However, the area in ownerships with 100 to 499 acres totaled 4,928,000 acres in 1994 compared to 4,180,000 acres in 1980 (Table 1, Fig. 1). In 1994, there were 500 ownerships with 1,000 or more acres versus 600 in 1980 (1,748,000 versus 2,616,000 acres).

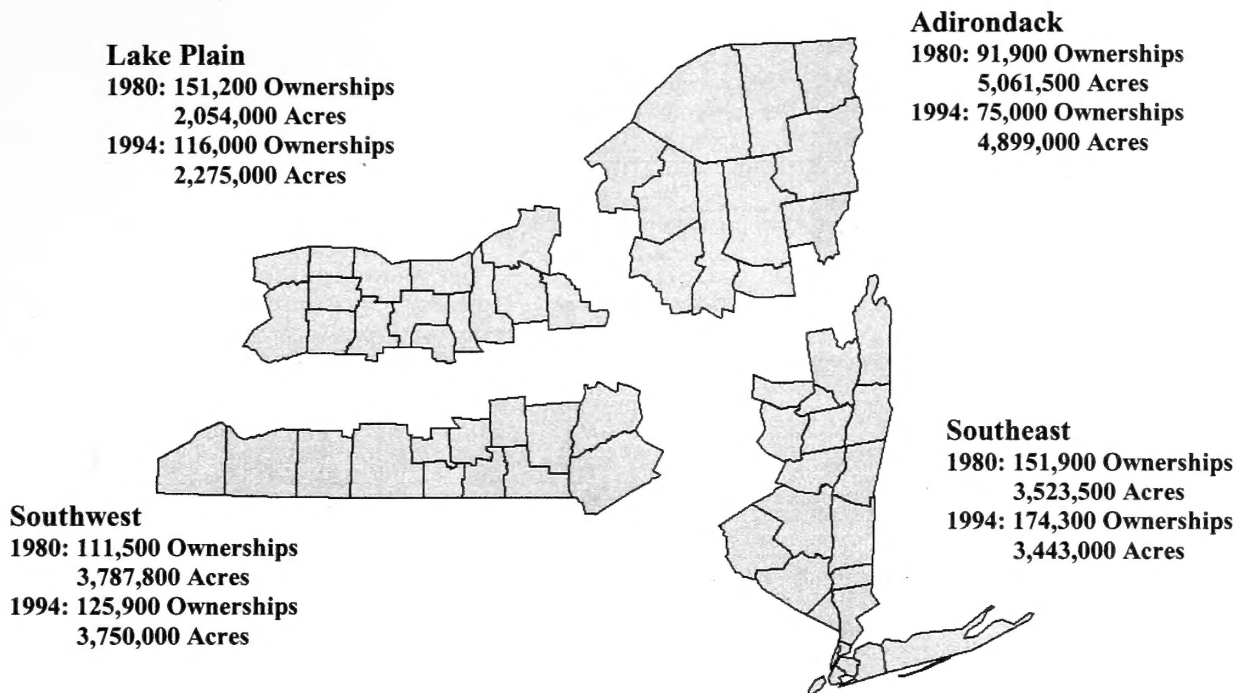


Figure 2.—Regions of New York used in forest ownership studies.

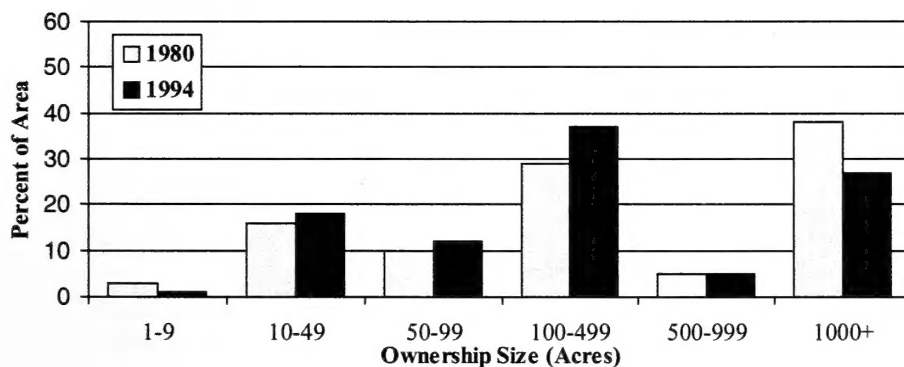


Figure 3.—Distribution of private forest land in the Adirondack Region in 1980 and 1994, by size class of ownership.

Regional Results

In addition to statewide results, data in this publication are reported for each of four regions: Adirondack, Lake Plain, Southeast, and Southwest (Table 2, Fig. 2). Each region contains more than 2 million acres of forest land. Washington, Saratoga, and Montgomery Counties were considered part of the Adirondack Region for the 1968 land owner survey (Canham 1973), but were included in the Southeast Region for the 1980 and 1994 surveys.

Adirondack Region

The Adirondack Region had the largest concentration of large ownerships in New York (Fig. 3) and the greatest concentration of forest-industry lands. Between 1980

and 1994, the area in ownerships with more than 1,000 acres of forest land decreased from 1.9 to 1.3 million acres. During the same period, the area in ownerships with 100 to 499 acres of forest increased from 1.5 to 1.8 million acres. The number of forest ownerships with fewer than 10 acres of forest decreased; data from remeasured plots indicated that many of these properties were converted to nonforest uses, e.g., residential development.

Lake Plain Region

The Lake Plain Region is the least forested part of the State, though the total area of forest land in the region increased significantly between 1980 and 1994. The area

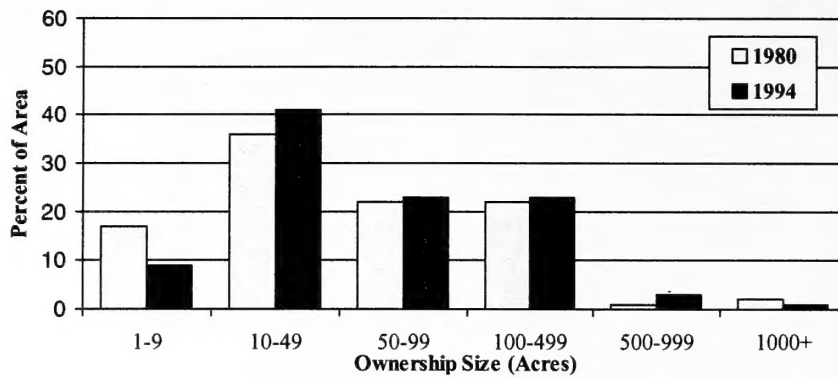


Figure 4.—Distribution of private forest land in the Lake Plain Region in 1980 and 1994, by size class of ownership.

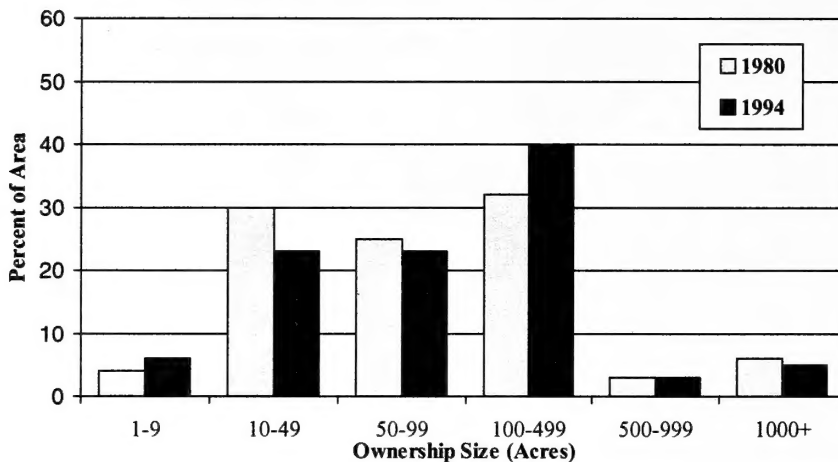


Figure 5.—Distribution of private forest land in the Southwest Region in 1980 and 1994, by size class of ownership.

controlled by the smallest and largest size categories decreased while the area controlled by the intermediate classes increased (Fig. 4). In 1980, there were approximately 100,000 ownerships that each controlled fewer than 10 acres of forest land and collectively controlled 17 percent of the region's private forest land. In 1994, there were an estimated 59,200 ownerships with fewer than 10 acres; these ownerships accounted for 9 percent of the private forest land.

Southwest Region

Private forest acreage in the Southwest Region decreased slightly between 1980 and 1994. The area of forest land controlled by owners with fewer than 10 acres and those with 100 to 499 acres increased (Fig. 5). Ownerships with fewer than 10 acres of forest land increased from 39,000 in 1980 to 64,100 in 1994. In 1980, nearly 65,000 ownerships with 10 to 99 acres controlled 55 percent of the private forest land in the region; this same group totaled 52,100 ownerships that controlled 42 percent of the private forest land in 1994.

Southeast Region

The Southeast Region contains the heavily forested Catskill Preserve, the New York City watershed lands, and most of the State's population. Private forest acreage in this region decreased from 3,523,500 acres in 1980 to 3,443,000 acres in 1994. The Southeast Region has also had the highest proportion of private forest area in ownerships with fewer than 10 acres (Fig. 6), and the second highest percentage of area in private ownerships of more than 1,000 acres even while the acreage in this category dropped by half between 1980 and 1994.

Types of Private Forest Ownerships

Private timberland accounted for more than 93 percent of New York's 15.4 million acres of timberland in 1993 (Alerich and Drake 1995). According to the 1994 ownership survey, individual (including joint) ownership was the most common private ownership type with 372,600 ownerships (76 percent). These ownerships controlled 8.2 million acres of private forest land (57 percent) (Table 3). The 87,100 farmers that

Figure 6.—Distribution of private forest land in the Southeast Region in 1980 and 1994, by size class of ownership.

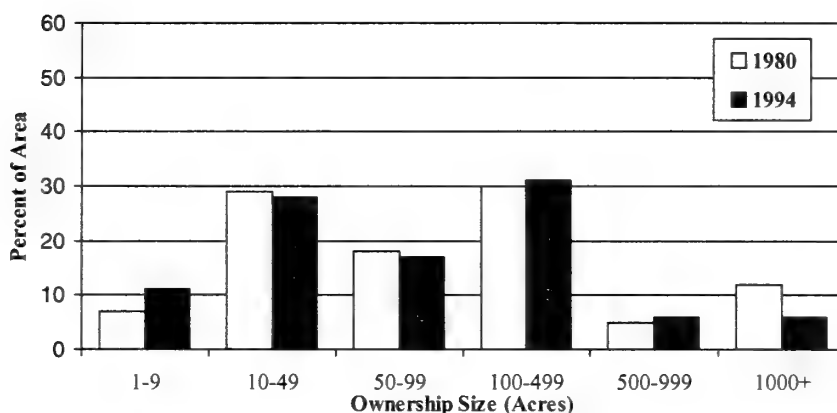
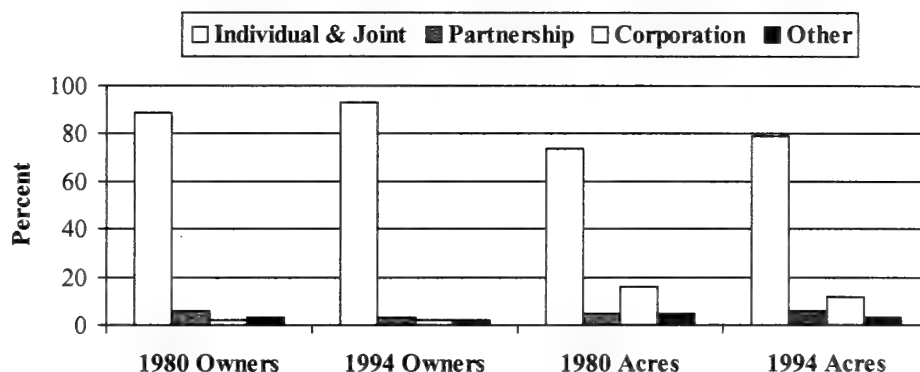


Figure 7.—Distribution of private forest ownerships in New York in 1980 and 1994, by type of ownership.



owned forest land controlled 3.5 million acres or 25 percent of the State's private forest land. Forest industry accounted for less than 1 percent of the ownerships but controlled 6 percent of the private forest land. Miscellaneous corporate and other ownerships each controlled 6 percent of the private forest land (Table 3).

We also looked at forest ownership by form of the ownership: individual/joint, partnerships, corporations, clubs or associations, and other entities, e.g., trusts. Individual/joint ownerships accounted for most of the ownerships (93 percent). These owners controlled 79 percent of New York's private forest land (Table 4). Two percent of the ownerships were corporations that controlled 12 percent of the private forest land. The remaining 9 percent was controlled by partnerships, undivided estates, sports and recreation clubs, or associations.

The average size of forest-land holdings differed among ownership groups. Individual/joint ownerships had a larger percentage of their collective area in the smaller size classes than other ownership types. For example, only 6 percent of the area owned by individual/joint ownerships was in holdings of 500 or more acres, while

78 percent of the corporate and 29 percent of other ownerships were in holdings exceeding 500 acres (Table 5).

Between 1980 and 1994, individual/joint ownerships increased slightly in number and in the proportion of private forest land controlled (Table 6, Fig. 7). The number of corporations that owned forest land also increased but the acreage controlled by corporations decreased. Partnerships decreased in number of ownerships, but increased in the number of acres of private forest land owned. Other ownerships decreased both in number of ownerships and area of private forest land controlled from 1980 to 1994.

Businesses that Own Forest Land

Incorporated forest industry ownerships controlled 809,000 acres of forest land in New York and individually owned mills controlled an additional 91,000 acres (Table 7). Firms that managed their forest land primarily for timber production but do not have primary processing facilities were included as real estate businesses. These firms controlled 567,000 acres of forest land.

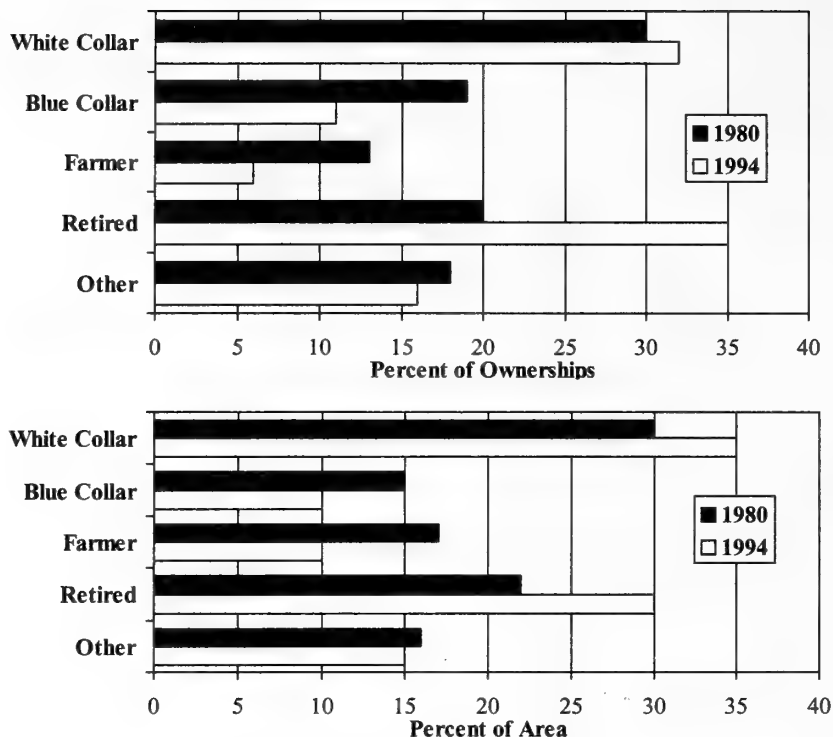


Figure 8.—Distribution of individual private forest owners in New York in 1980 and 1994, by occupation.

Sport and recreation clubs, primarily for hunting and fishing, were an important ownership component in the State. Incorporated clubs owned 183,000 acres of forest land and unincorporated clubs held an additional 448,000 acres. The remaining business-owned forest land was held by farms, industrial businesses and nonindustrial businesses, public utilities, and other corporations.

Individuals that Own Forest Land

In general, individual private forest-land owners in New York were younger, had more formal education, and higher household incomes than those of a decade earlier (Tables 8-10). From 1980 to 1994, there was an increase in the proportion of retired and white-collar owners (Table 11, Fig. 8). The greatest decreases were in the numbers of ownerships where the owner's primary occupation was in the blue-collar or farm sectors of the economy. Including the 1968 ownership study (Canham 1973), the three surveys show a dramatic decline in forest land owned by farmers and a similar increase for retired owners. In 1994, 28 percent of the owners were 55 to 64 years old and 24 percent were over 65. The median annual income of those responding to our survey was \$30,000 to \$40,000. Fifty-eight percent of the owners were educated beyond high school, while only 6 percent had less than a high school education. Nearly 30 percent of the owners reported spending their first 12 years in a city or town with a population greater than 10,000 (Table 12).

Land Tenure

More than one-third of the private ownerships in New York first acquired forest land between 1980 and 1993; these "new" ownerships controlled 28 percent of the private forest land (Tables 13-15). Most of these new ownerships held fewer than 50 acres. The Adirondack and Southwest Regions had the highest concentrations of new ownerships. In the decade prior to the 1980 study, 23 percent of the State's private forest land was held by new owners (Birch 1983). This turnover rate was lower compared with the 36 percent of ownerships held by new owners in the decade prior to the 1968 study (Canham 1973).

Place of Residence and Tract Size

Where owners reside in relation to their forest property and how many tracts they own are important to individuals and groups that deliver services or receive benefits from private forest lands. In 1994, an estimated 58 percent of the private forest-land owners lived or had offices on or within a mile of one of their forest tracts. These ownerships controlled 54 percent of the private forest land (Table 16).

Multitract ownerships accounted for a disproportionate amount of the forest land base (Table 17). Eighty-three percent of the ownerships held a single tract of forest, controlling 54 percent of the private forest. Many of the corporate ownerships were included in the 7 percent of

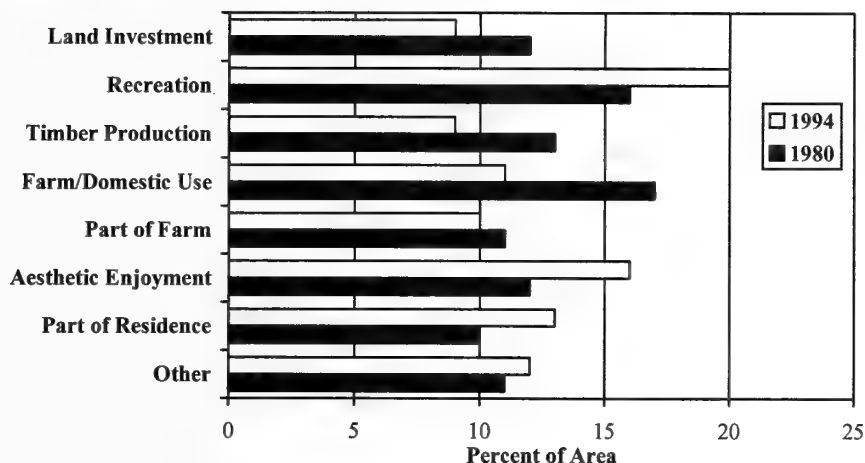
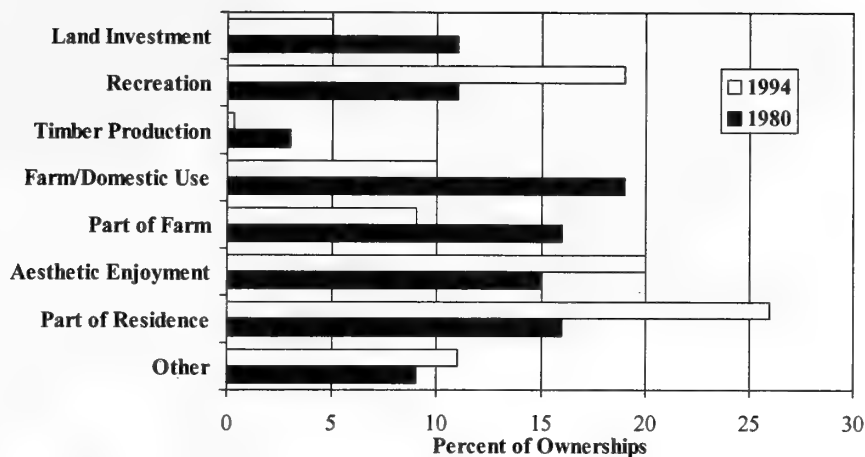


Figure 9.—Distribution of private forest ownerships in New York in 1980 and 1994, by primary reason for owning forest land.

the ownerships with three or more tracts and 28 percent of the private forest land.

The number of forest-land owners in urban versus rural areas was determined by the zip code in which a respondent lived. More than 40 percent of the owners were in zip codes with no urban populations (Table 18). These owners controlled 48 percent of the private forest in New York. Twenty-two percent lived in zip codes classified as totally urban. These owners accounted for 21 percent of the private forest land.

Ownership Objectives

Forests produce many benefits so it is not surprising that landowners expressed diverse reasons for owning their forest land. The most common reasons reported by owners in New York were that the forest is part of the residence, aesthetic enjoyment, and recreational opportunities that forests provide (Tables 19-21, Fig. 9). Those who said they owned forest land because it is part of the residence increased from 16 percent in 1980 to 26 percent in 1994.

Ownership objectives were relatively similar between 1980 and 1994 when examined on an acreage basis. The most significant differences were the shifts from the farm and farm/domestic use categories in 1980 to purely residential use in 1994. Another major change was a reduction in the number of ownerships and acreage owned primarily for timber production.

Benefits from Owning Forest Land

Benefits received in the last 10 years and benefits expected in the next 10 years are other variables used in determining ownership objectives. In the last decade, aesthetic enjoyment was cited most often as the primary benefit received (46 percent of the ownerships that controlled 35 percent of the New York's private forest land) (Fig. 10, Table 22). Recreation was next in importance with 15 percent of the ownerships, followed by land value (8 percent), firewood production (7 percent), farm and domestic use (6 percent), other (5 percent), and income from timber (2 percent). Only 2 percent of the landowners reported income from timber as the primary benefit that they received; these owners controlled 11 percent of the forest land in the State.

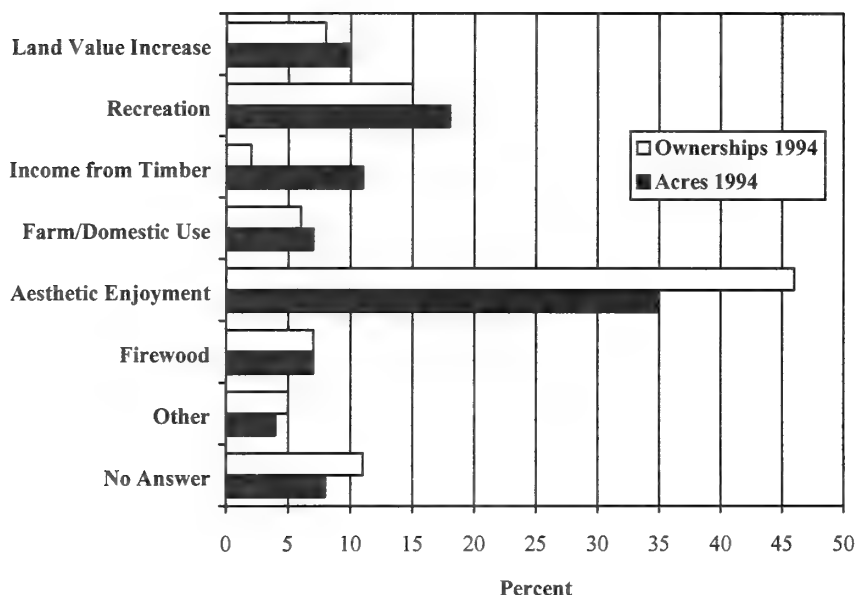


Figure 10.—Distribution of private ownerships in New York in 1994, by primary benefit received in the last 10 years from owning forest land.

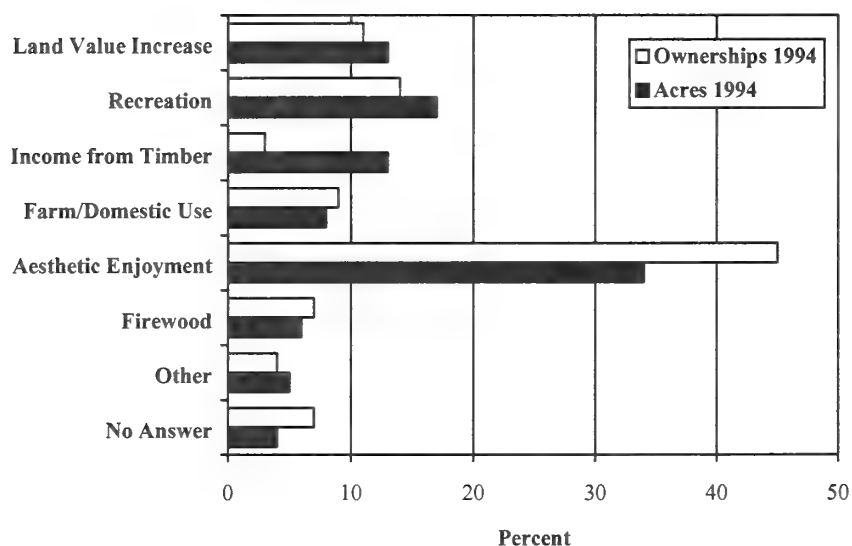


Figure 11.—Distribution of private forest ownerships in New York in 1994, by primary benefits expected in the next 10 years from owning forest land.

Aesthetic enjoyment also was the most important expected benefit in the next 10 years, with 45 percent of the private owners anticipating this as their primary benefit (Fig 11, Table 23). The primary differences between received and expected benefits were decreased numbers of owners anticipating farm and domestic use and increased numbers of owners expecting increases in land value and income from timber management as primary benefits in the next decade. Expected benefits among owners have changed since 1980 (Table 24). In 1980, 30 percent of private owners cited aesthetic enjoyment as the most important expected benefit. By 1994, this benefit was cited by 45 percent of the owners with an associated increase in acreage from 25 to 34 percent of the private forest land. The acreage and

number of ownerships expecting to receive benefits from recreational opportunities and income from timber also increased between 1980 and 1994, while those expecting to receive benefits from farm/domestic use and an increase in land value decreased.

Forest Management Practices

Management Planning

Only 6 percent of the private forest-land ownerships in New York had written forest management plans; these ownerships controlled 20 percent of the private forest land (Table 25). State service foresters and wildlife biologists prepared 48 percent of the plans for the

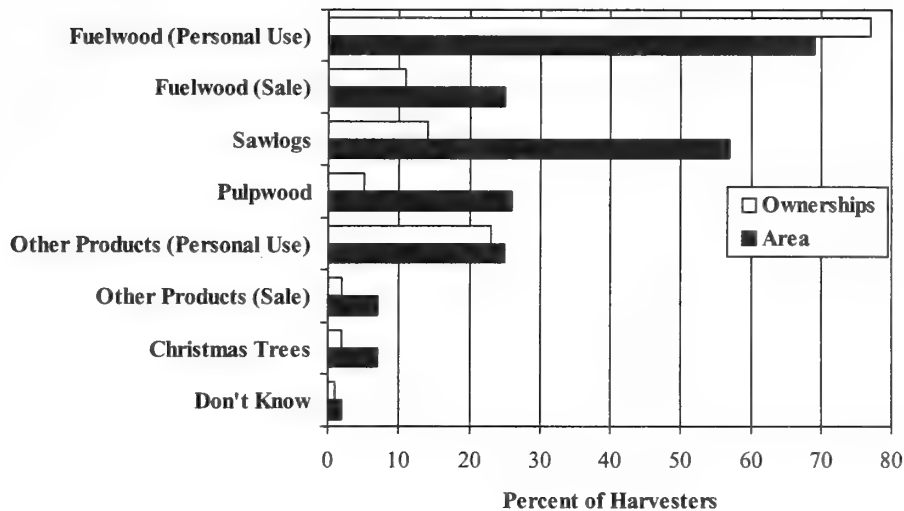


Figure 12.—Distribution of private forest ownerships and area of private forest land owned in New York in 1994, by products harvested.

ownerships that controlled 26 percent of the private forest area (Table 26). Consulting foresters wrote plans for ownerships that held 34 percent of the forested acres with written plans. Another 11 percent of the acreage was held by owners who wrote their own plans. Industrial foresters prepared only 1 percent of the plans, but these accounted for 26 percent of the acreage covered by written plans. Other individuals who prepared plans were employees of the USDA Extension Service and USDA Natural Resources Conservation Service (formerly Soil Conservation Service). These employees prepared 22 percent of the plans covering 18 percent of the area covered by written plans.

Forestry Assistance

Nineteen percent of the private ownerships in New York sought forestry assistance, for example, information on forestry or tax incentive programs. These ownerships controlled 43 percent of the private forest land (Table 27), an increase from 1980 when only 13 percent of the owners with 38 percent of the private forest land sought assistance (Birch 1983). The ownerships that harvested timber were more likely to seek advice. Assistance with general forest management was received by 47,300 ownerships that controlled 3,460,000 acres of forest land (Table 28). Other owners received assistance with tree planting, timber sales, insects or diseases, or taxes; many owners received several types of assistance from multiple sources.

When asked who they would contact for forestry assistance, 37 percent of the owners stated that they did not know, and 16 percent did not answer the question (Table 29). Together, these ownerships controlled 36 percent of the private forest land. This is a marked decrease from 1980 when 55 percent of the owners did not know where to find assistance. Forest industry and

other private ownerships with more than 500 acres of forest land were the most likely to know where to find help. An estimated 8 percent of the private owners listed multiple agencies that they would contact; these ownerships controlled 19 percent of the private forest land. Nearly 45,000 ownerships identified the New York State Department of Environmental Conservation, Division of Lands and Forests, as a source of forestry assistance.

Products Harvested

An estimated 39 percent of the private forest-land ownerships in New York harvested products from the 9.1 million acres they controlled; 42 percent of these ownerships harvested more than one product. Fuelwood for personal use was the most commonly harvested product: 77 percent of the private harvesters harvested for this purpose (Fig. 12, Table 30). In 1993, an estimated 256 million cubic feet (ft³) of wood were removed from New York timberlands; of this amount, residential fuelwood totaled 71 million ft³ (Wharton and others 1998).

Only 14 percent of the harvesters reported harvesting sawlogs, but these ownerships controlled 57 percent of the private forest land owned by harvesters. Forest industries were the most likely to harvest sawlogs followed by the other private ownerships with more than 500 acres. More than 90 percent of industrial roundwood production in New York was from private lands, and sawlogs was the top roundwood product (Wharton and others 1998). Pulpwood was next in importance with 54.4 million ft³ harvested in New York in 1993 (Wharton and others 1998). Only 5 percent of the harvesting ownerships reported harvesting pulpwood from their forest land, but they controlled 26 percent of the forest land owned by harvesters. Forest

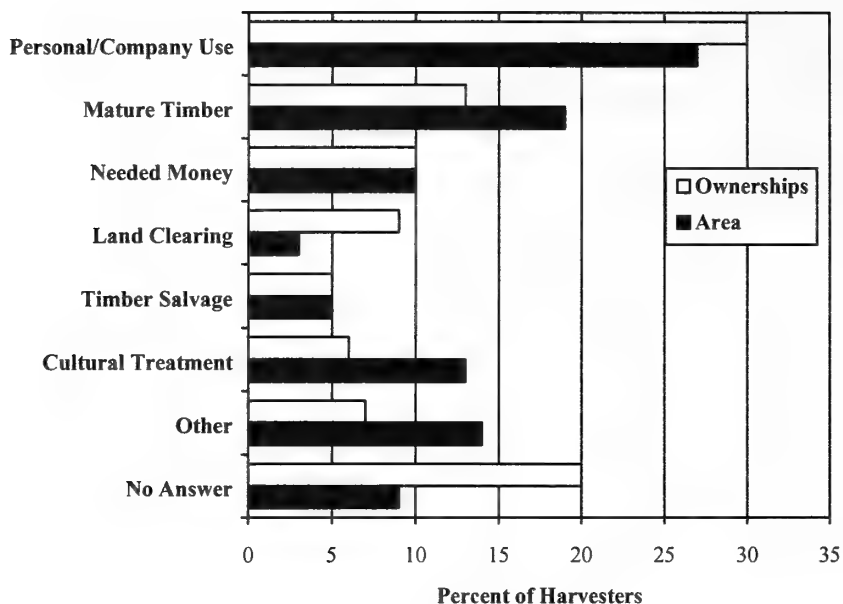


Figure 13.—Distribution of private forest ownerships and area of private forest land owned in New York in 1994, by reason for harvesting.

industry ownerships and other private ownerships with large acreages were the most likely to have harvested pulpwood.

Timber Harvesting Behavior

There was a slight decline in experience with timber harvesting in New York between 1980 and 1994. An estimated 39 percent of the 1994 ownerships who controlled 63 percent of the private forest land had harvesting experience; this compares with 45 percent of the ownerships who controlled 65 percent of the forest land in 1980 (Table 31).

The reason most often given for harvesting timber was that it was needed for the landowner's personal/company use (Fig. 13, Table 32). The next most common reasons for harvesting timber were that the landowners believed their timber was mature (13 percent of the harvesters) or they needed money (12 percent). The remaining harvesters did so for land clearing, timber salvage, cultural treatment, and other reasons.

In 1994, 61 percent of the private ownerships in New York had not cut trees from their forest land; they controlled 37 percent of the private forest. However, 68 percent indicated that they may harvest in the future (Table 33). The most common reasons given for not harvesting were insufficient area to harvest, opposition to harvesting, or hunting grounds would be destroyed (Fig. 14, Table 34). Most of the respondents who believed they had an insufficient area to harvest owned fewer than 4 acres. On an acreage basis, the most

common reasons for not harvesting were opposition to harvesting, destruction of hunting grounds, scenery reduction, and insufficient knowledge. Many of the ownerships concerned with scenery reduction held fewer than 10 acres. This forest land was owned primarily because it was part of the residence. Owners who believed that their forest land had stands of low quality, trees that were too small, or stands with insufficient volume per acre controlled 22 percent of the area owned by nonharvesters.

Selection of Trees for Sale

Over half of the landowners who had harvested timber for sale were directly involved in the selection of the harvested trees or had hired a forester to select trees for harvest (Table 35). The estimated 15,000 owners that used a forester to select trees controlled 2,682,000 acres of forest land. An estimated 26,700 owners allowed the buyer to select the timber to be harvested; these owners controlled 1,750,000 acres of forest land. Owners with 50 to 500 acres of forest land were the most likely to allow the buyer to choose the trees for harvest (Table 36).

Intentions to Harvest Timber in the Future

Between 1980 and 1994, the proportion of ownerships intending to cut trees from their forest land in the next 10 years increased from 23 to 35 percent; the percentage of private forest held by these ownerships increased from 42 to 54 percent (Table 37). In 1994, 80 percent of the owners with more than 1,000 acres of forest land said they intend to harvest in the next 10 years; these owners controlled 90 percent of the forest area in this

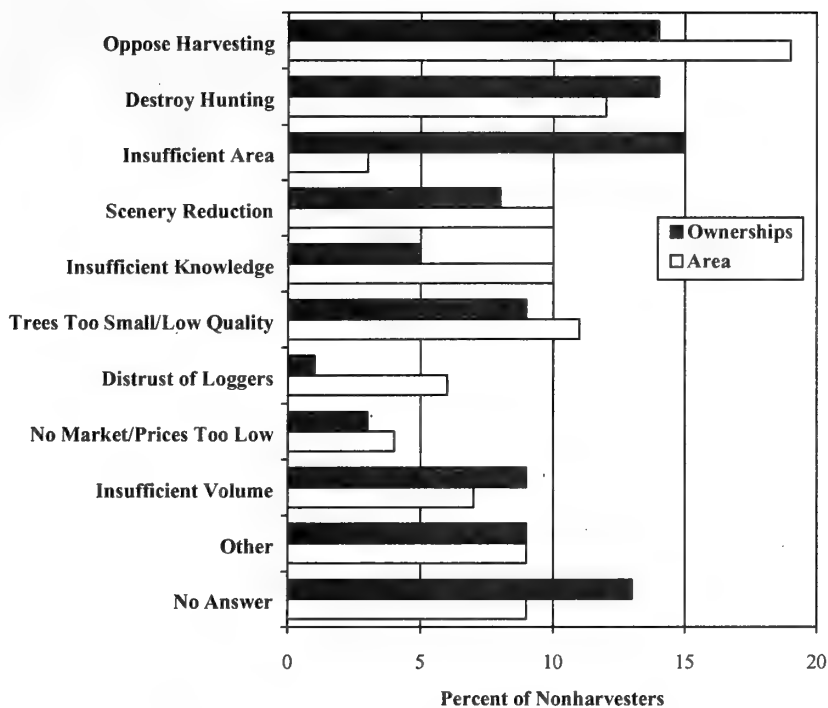


Figure 14.—Distribution of private, nonharvester ownerships and area of forest land owned in New York in 1994, by reason for not harvesting.

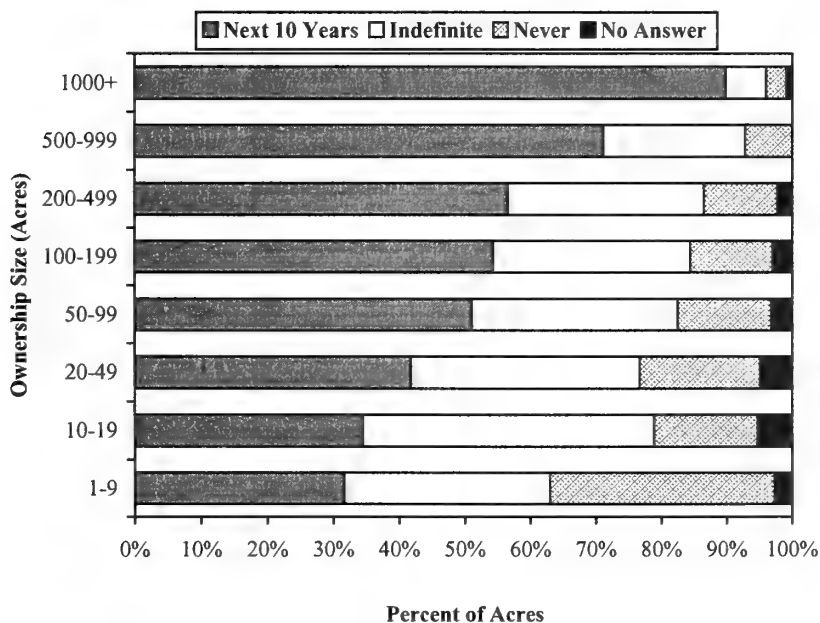


Figure 15.—Harvesting intentions by size of private ownerships, New York, 1994.

ownership class (Fig. 15, Table 37). Only 27 percent of the owners with fewer than 10 acres of forest land indicated that they intended to harvest in the next 10 years; they controlled 32 percent of the acreage in this size class.

Recreational Uses

In 1994, an estimated 61 percent of the forest-land ownerships, holding 72 percent of the private forest

land, permitted or participated in some form of recreational use of their land (Table 38). Recreational use by the owner, the owner's family, and/or friends occurred on 54 percent of the ownerships. Hunting, birdwatching, and hiking were the most common recreational uses, though winter sports, snowmobiling, camping, picnicking, and fishing also were common (Fig. 16, Table 39). Thirteen percent of New York's private forest ownerships permitted recreation by the public on their land (Table 40). The recreational uses for

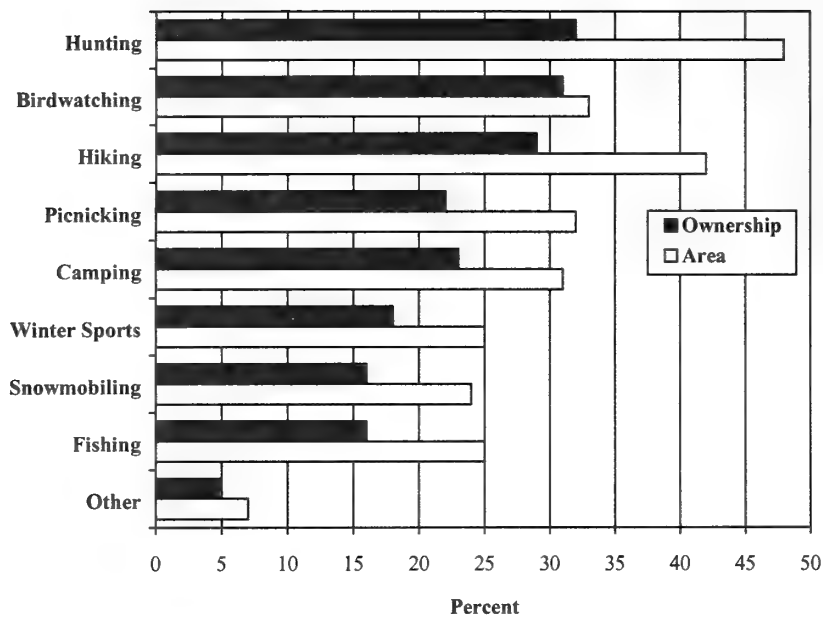


Figure 16.—Use of private forest ownerships and area of private forest land for recreational activities by owner, owner's family, or immediate circle of friends, New York, 1994.

these lands were similar to those of the private lands used exclusively by owners and their families and friends.

Virtually every forest industry ownership permitted some form of recreational use by the public on at least a portion of its land (Table 41). An estimated 38 percent of the other private ownerships with more than 500 acres permitted some form of public recreation on a portion of their land. Only 11 percent of the other private ownerships with fewer than 50 acres of forest permitted the public to use their land for recreation.

An estimated 45 percent of the private forest ownerships in New York posted a portion of their land (Table 42). These signs were most commonly posted to prohibit or control access or to control hunting (Table 43). About half of the ownerships that permitted the public to use a portion of their land for recreation also posted a portion of their land. Forest industry lands had the highest proportion of posted land (92 percent) followed by other private ownerships that controlled more than 500 acres (87 percent).

Opinions on Forestry Issues

To gain insight into forest-land owners' opinions regarding forestry issues, we asked respondents to indicate to what degree they agreed or disagreed with each of the following statements:

1. Protecting forests from fire, insects, and disease is a state forestry job.
2. Management of forest land for wildlife and recreation reduces the value of the land for timber production.
3. Lower taxes on forested land would not influence me to keep my land forested.
4. The trees near my house are valuable for shade and to provide wildlife cover.
5. I'm willing to pay for help to make better management decisions on my forest land.
6. The country is being denuded. One must do something to preserve the forest land.
7. Owners who manage their forest land should pay lower property taxes.
8. More facilities that can use low-grade or poor-quality wood for energy are needed.
9. I don't believe in wilderness areas; I believe in some form of productivity for all forest land.
10. It doesn't make any difference whether I pay an annual tax on standing timber or a single tax when the timber is harvested.
11. I purchased my forest land for investment to leave alone and sell later.
12. To preserve the woods you have to cut periodically. We cut to maintain the natural productivity of the land.
13. I would allow the public to use my land for recreation, including hunting, if my taxes were reduced for doing so.

14. I like the beauty of the forest the most. We must preserve, not damage it.
15. It is getting harder to find places to use for recreation; owning forest land ensures we will have a place.

Owners were encouraged to circle "no opinion" if they did not know about a particular topic. Additional information, including numbers of ownerships and acres owned by statement and response, is found in Table 44. For all statements, responses covered the full range of possible answers, but distinct patterns were recognizable for some statements. Respondents most strongly agreed with the statements about trees near residences being important for shade and wildlife (Statement 4), the country is denuded and preservation is important (Statement 6), forest aesthetics are important (Statement 14), and the difficulty finding places to recreate (Statement 15). The statements that elicited the most disagreement were opposition to wilderness areas (Statement 9), allowance of public recreation given unspecified tax incentives (Statement 13), land investment/speculation as the reason for purchase (Statement 11), and wildlife and recreation management reduce timber production (Statement 2).

Landowners and Conservation Publications

To better understand the ways in which owners of forest land obtain information, we asked them to identify the conservation-oriented publications they receive. An estimated 54 percent of the owners received at least one conservation or natural resource-related publication (Table 45). Hunting and fishing-related magazines and those related to wildlife were extremely important to owners. Forest-related publications, such as *Tree Farm News*, *Northern Logger*, and *American Forests* reached only a small percentage of forest land owners.

Conclusions

How the forest resources of New York will be managed and used in the future depends on a complex set of interrelated factors, including the biologic characteristics of the forests and the characteristics of the individuals and groups that own them. The characteristics of the

State's private forest-land ownerships are changing and vary across the four regions of New York. Parcelization—a greater number of smaller land owners—is increasing across the State but is decreasing in some regions. And changes in ownership patterns, for example, increases in the proportion of retired people and white-collar workers who own forest land, are creating new demands on New York's forest resource but also new uses and opportunities for this valuable resource.

Acknowledgments

This report has been a team effort, combining the work and contributions of many people, particularly the forest-land owners who completed and returned our questionnaires. Vickie Sharon was responsible for administrative and secretarial services. We thank the many individuals who gathered names and addresses and contacted owners who had not initially responded to the questionnaire, particularly state service foresters, forest inventory personnel, and members of the New York Woodland Owners Association. Earl Leatherberry, Hugh Canham, and James Beil reviewed previous drafts of this report.

Literature Cited

- Alerich, C. L.; Drake, D. A. 1995. **Forest statistics for New York, 1980 and 1993**. Resour. Bull. NE- 132. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 132 p.
- Birch, T. W. 1983. **The forest-land owners of New York**. Resour. Bull. NE- 66. Broomall, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 80 p.
- Canham, H. O. 1973. **Forest ownership and timber supply**. Syracuse, NY: State University of New York, School of Environmental and Resource Management. 102 p.
- Wharton, E. H.; Martin, T. D.; Widmann, R. H. 1998. **Wood removals and timber use in New York, 1993**. Resour. Bull. NE-141. Radnor, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 28 p.

Appendix

Study Method

The sampling scheme used in this study was derived from the sampling design used by the USDA Forest Service's Forest Inventory and Analysis Units. Mailing addresses were obtained by identifying forest land plots from a systematic grid of plots placed across the state. The names were obtained from a variety of sources, including tax offices, other government agencies, neighbors, or the owner. Usable addresses were obtained for more than 95 percent of the sample locations. We identified many large ownerships with multiple sample locations, and efforts were made to mail only one questionnaire to these large owners. In all, 2,765 questionnaires were mailed to owners of private forest land in New York State; 1,062 questionnaires (43 percent) were returned with useable information. These questionnaires represented 1,255 sample locations (45 percent of the private plot locations).

The questionnaire (see The Survey Instrument in the Appendix) was derived from several earlier ownership studies. The mailing consisted of a questionnaire and cover letter explaining the purpose of the study. Approximately 3 weeks following the first mailing, a second questionnaire was mailed to those who had not responded along with a second letter urging their cooperation. Approximately 1 month after the final follow-up mailing, a field follow-up of nonrespondents was conducted to obtain additional questionnaires and to determine whether there was a significant difference between those who returned a questionnaire and those who did not. Questionnaires obtained by mail and follow-up were used in the same way for estimation. Local service foresters and the New York Woodland Owners Association contacted nonrespondents.

Estimation Procedure

The probability that a forest-land ownership was sampled depended on the rate of sampling and the acreage of forest land owned. The total acreage of forest land in private ownership in New York was obtained from the forest inventory. The area in large ownerships (ownerships with a probability of selection approaching 1) is subtracted and the large ownerships form a separate strata. The remaining forest land is divided by the number of "small acreage" sample locations represented by the remaining valid questionnaires to determine the area represented by each sample plot.

Since the sampling scheme is essentially the one used for the forest inventory, there is a low probability of inclusion for ownerships with small parcels of forest land. To estimate the total number of ownerships, it is necessary to weight the number of owners in the sample. This procedure can be stated as:

$$N = \frac{T_p}{n_r} \sum \frac{1}{A_i}$$

N = estimated number of private ownerships in the sampling strata

T_p = acres of forest land in the sampling strata

n_r = number of respondents in the sampling strata

A_i = acres owned by individual respondents

The summation is an unbiased estimate of the number of ownerships in the State or a region. The data were edited, processed, and compiled using FINSYS-2, a generalized computer system. The regions within the State were combined to calculate state-level statistics. The following tabulation shows the most relevant data for each region and the State of New York.

Region and state	Number of private plots	Number of questionnaires sent	Number of respondents	Number of plots owned by respondents	Average no. of acres per plot
Adirondack	885	662	284	447	11,207
Lake Plain	495	491	200	201	11,320
Southwest	730	707	301	317	11,828
Southeast	655	630	277	290	11,872
New York	2,765	2,490	1,062	1,255	11,448

Data Accuracy and Reliability

Not every ownership was sampled, so it is important to know the variation associated with the estimates. When judging the effectiveness of the estimation procedure, we are concerned with two important criteria: accuracy and precision. Accuracy is the correspondence between the sample result and the result from a complete count or census using the same definitions and procedures. Precision is a measure of our ability to repeat the same results and is not directly related to the true population value. We are interested primarily in the accuracy of the results, but in most instances we can only measure precision.

To check the accuracy of the data, we had this report reviewed by outside experts. The response level obtained in the study also is an attempt to assure accuracy by minimizing nonresponse bias. Beyond the search for accuracy, the reliability of the estimate is given by the calculated sampling errors. Sampling errors are calculated for the estimated number of forest land ownerships and the acreage of forest land in each cell of the tables. Sampling errors are included in the tables for the most important categories. The sampling error for the number of acres of forest land in private ownership is calculated as part of the forest inventory and is designed to achieve a national standard of plus or minus 3 percent per million acres of forest land. Because this study has a much smaller sample size than the normal forest inventory, sampling errors rise rapidly for smaller areas of forest land. There is no similar standard for the estimates of forest-land ownerships.

Because the ownership survey was conducted using a land-area sample, the estimates of area have smaller sampling errors than the estimates of numbers of ownerships. Estimates for the New York as a whole are the most reliable (the smallest sampling errors). The inclusion of small forest parcels (fewer than 10 acres) in the study population substantially increases the sampling error for the estimated number of owners.

The sampling errors (in percent) are:

Region and state	Private forest-land	Owners of private forest-land	Owners holding 10 or more acres
Adirondack	0.5	13.4	8.2
Lake Plain	1.2	14.0	7.2
Southwest	0.8	14.4	7.1
Southeast	0.9	13.1	7.8
New York State	0.4	7.1	3.8

The Survey Instrument

NORTHEASTERN RESEARCH STATION
FOREST SERVICE
U.S. DEPT. of AGRICULTURE

Form Approved
OMB No. 0596-0078
Expires: 6-30-94

State _____
County _____
Plot _____

NORTHEASTERN WOODLAND OWNERSHIP STUDY

THIS SURVEY IS VOLUNTARY AND THERE ARE NO PENALTIES FOR REFUSING TO ANSWER ANY QUESTIONS. BECAUSE IT WOULD INVOLVE A TREMENDOUS COST TO TAXPAYERS WE ARE UNABLE TO CONTACT ALL WOODLAND OWNERS. THEREFORE, WE TAKE A SMALL BUT REPRESENTATIVE SAMPLE OF WOODLANDS, ONE OF WHICH HAPPENS TO BE YOURS. SINCE YOU REPRESENT HUNDREDS OF OTHER WOODLAND OWNERS. YOUR COOPERATION IS IMPORTANT TO MAKE THE SURVEY RESULTS COMPREHENSIVE, ACCURATE, AND TIMELY. THANK YOU.

Please complete the following questions. Where actual records are not available please use your best estimate. Please be assured your answers will be strictly confidential, only statistical tabulations will be published. If you do not own woodland please answer question 1 and return the questionnaire.

1. In what states do you own land?

State

Total acres

Acres wooded*

*Include idle fields and pastures with young trees.

2. Of your woodland in New York, how much is in each of the following areas:

- a. Clinton, Franklin, Jefferson, or St. Lawrence counties? Acres _____ or percent _____
- b. Fulton, Herkimer, Lewis, or Oneida counties? Acres _____ or percent _____
- c. Essex, Hamilton, or Warren counties? Acres _____ or percent _____
- d. Cayuga, Erie, Genessee, Livingston, Madison, Monroe, Niagara, Onondaga, Ontario, Orleans, Oswego, Seneca, Wayne, Wyoming, or Yates counties? Acres _____ or percent _____
- e. Allegheny, Cattaraugus, Chautaugua, or Steuben counties? Acres _____ or percent _____
- f. Broome, Chemung, Chenango, Cortland, Delaware, Otsego, Schuyler, Tioga, or Tompkins counties? Acres _____ or percent _____
- g. Albany, Columbia, Montgomery, Rensselaer, Saratoga, Schenectady, or Washington counties? Acres _____ or percent _____
- h. Dutchess, Greene, Nassau, Orange, Putnam, Rockland, Schoharie, Suffolk, Sullivan, Ulster, or Westchester counties? Acres _____ or percent _____

3. How many individual tracts or parcels of woodland do you now own? number _____

4. In what year did you first acquire woodland? (Whether or not you still own the first tract you acquired.)
year _____

How much woodland have you acquired in the last 15 years? acres _____

How much woodland have you disposed of (sold or deeded to others) in the last 15 years?
acres _____

5. In which of the following ownership categories does the major portion of you woodland holding fall?
(Please check only one.)

Individual (including joint husband and wife and family ownerships other than family corporations)	1. _____
Partnership	2. _____
Corporate	3. _____
Club or association	4. _____
Other (Please specify _____)	5. _____

6. If your ownership is connected with a business or association, what is the nature of the organization:
(Check one)

_____ Forest industry (sawmill, pulpmill, etc)
_____ Farm
_____ Industrial business (manufacturing, mineral extraction, etc.)
_____ Real estate
_____ Non-industrial business (retail, sales, service industry, etc.)
_____ Sport/recreation club or association
_____ Public utility
_____ Other (please specify _____)

7. What is the approximate road mileage from your primary residence to your nearest and farthest tract of woodland. (For businesses of organizations consider primary residence to mean nearest place of business.)

Miles to the nearest tract _____
(enter zero if you live on the tract)
Miles to the farthest tract _____

8. Have you been approached to sell all or part of your woodland in the last five years?

1. All _____ 2. Part _____ 3. No _____
Have you been approached to sell trees in the last 5 years?
1. Yes _____ 2. No _____

9. Have trees been harvested from your land, either by you personally or by someone else, during the time you have owned your woodland?

Yes 1. _____ Year of the most recent harvest _____

No 2. _____ **IF TREES HAVE NOT BEEN HARVESTED FROM YOUR LAND SKIP TO
QUESTION 17 ON PAGE 5**

10. During the last 15 years, in what years have trees been cut from your land either by yourself or by someone else for your personal use (i.e. fuelwood, fence posts, etc.) or for wood industry use (sawlogs, pulpwood, etc.)? Please complete the following table. Check as many as apply.

Check as many as apply.

Year	Personal use	Industry use	Both
All years			
1991-1993			
1989-1990			
1987-1988			
1985-1986			
1983-1984			
1981-1982			
1979-1980			
1977-1978			

11. During the cutting, what products were harvested? **(Check as many as apply.)**

(Check)

1. _____ Fuelwood for your own use or the use of friends
2. _____ Other products for personal use (fence posts, lumber, etc.)
3. _____ Fuelwood for sale
4. _____ Sawlogs for sale
5. _____ Pulpwood for sale
6. _____ Posts, poles, and pilings for sale
7. _____ Christmas trees for sale
8. _____ Other products for sale (please specify _____)
9. _____ Don't know what products were harvested.

12. Before trees were cut from your land did you have an opportunity to visit a logging operation?

1. Yes _____ 2. No _____

After the cutting were you satisfied with the condition of the area?

Yes _____ 2. No _____

If you sold trees were you satisfied with the price you received?

Yes _____ 2. No _____

13. For the harvests in the last 15 years or the most recent harvest before then, how were the trees chosen to be cut?

(Check as many as apply.)

Method of selection	Cut for own use	Cut for industry use
Preselected marked trees were cut	1. _____	1. _____
Trees over a minimum diameter were cut	2. _____	2. _____
All or nearly all of the trees on a specified area were cut	3. _____	3. _____
Trees were cut to clear the land for another use	4. _____	4. _____
The logger selected the trees as he cut	5. _____	5. _____
Other (please specify _____)	6. _____	6. _____
Don't know what method was used to select the trees	7. _____	7. _____

14. For the harvests in the last 15 years or the most recent harvest before then, who was most responsible for determining which particular trees would be cut? (Check as many as apply.)

	Timber for own use	Timber for wood using industry
Landowner	1.	1.
Forester	2.	2.
State Forester	3.	3.
Friend or neighbor	4.	4.
Logger or timber buyer	5.	5.

15. Why were trees cut from your land? (Please rank as many as apply with number one the most important reason, number two the next most important reason and so on.)

Rank

1. _____ Felt trees were mature
2. _____ Offered a good price
3. _____ Land clearing
4. _____ Needed money
5. _____ Needed wood for own use
6. _____ Trees harvested for company use (forest industry only)
7. _____ Salvage of trees damaged by insects, disease, fire, or weather
8. _____ To improve wildlife habitat. If so, what species _____
9. _____ To improve view or scenic quality of the area
10. _____ To improve recreation opportunities
11. _____ Forest improvement- thinning, weeding, cull tree removal, etc.
12. _____ To be eligible for preferential forest land tax treatment
13. _____ Other (please specify _____)

16. Has the harvested area remained stocked with trees or been reforested?

1. _____ Yes, include leaving site to reforest itself.
2. _____ No.

If yes, what practices were used to keep the area forested?

(Check as many as apply.)

1. _____ Left mature seed trees standing on the site.
2. _____ Prepared seed bed using heavy machinery.
3. _____ Controlled competing vegetation using fire or herbicide.
4. _____ Planted seedlings or dispersed seed by hand or mechanically.
5. _____ Made sure area was stocked with younger trees prior to harvest.
6. _____ Other reforestation method. (please specify _____)
7. _____ No action taken, left area to reforest itself.
8. _____ Don't know.

17. If trees have not been cut from your land, why not? (Please rank with number one the most important reason and number two the next most important reason and so on.)

Rank

1. _____ No market or prices too low.
2. _____ Trees are too small
3. _____ Trees are of too low quality
4. _____ Scenery would be reduced
5. _____ Value of the land for recreation or hunting would be reduced
6. _____ Distrust of loggers
7. _____ Opposed to or disinterested in cutting trees
8. _____ Not enough volume to make harvesting worthwhile
9. _____ Not enough area to make harvesting worthwhile
10. _____ Insufficient knowledge of what trees to sell or how to sell
11. _____ Another reason (Please specify _____)

18. Do you plan to cut trees or harvest non-wood products (maple sap, pine cones, mushrooms, etc.) from your land for personal use or for sale?

	Wood for own use (Check one)	Wood for sale (Check one)	Non-wood products- own use (Check one)	Non-wood products-sale (Check one)
In the next 10 years?	1. _____	4. _____	7. _____	10. _____
Possibly at some future date?	2. _____	5. _____	8. _____	11. _____
Never plan to harvest?	3. _____	6. _____	9. _____	12. _____

19. What percent, if any, of your woodland do you feel you would never cut trees from?

Percent _____

Why would you not cut trees from this land? (Please rank with number one the most important reason and number two the next most important reason and so on.)

Rank

1. _____ No market or prices too low.
2. _____ Trees are too small
3. _____ Trees are of too low quality
4. _____ Scenery would be reduced
5. _____ Value of the land for recreation or hunting would be reduced
6. _____ Distrust of loggers
7. _____ Opposed to or disinterested in cutting trees
8. _____ Not enough volume to make harvesting worthwhile
9. _____ Not enough area to make harvesting worthwhile
10. _____ Insufficient knowledge of what trees to sell or how to sell
11. _____ Another reason (Please specify _____)

20. Have you ever sought advice or assistance in managing your woodland?

1. Yes _____ 2. No _____

(If you answered yes above please check the kinds of help you sought)

(Check as many as apply.)

1. _____ Information about forestry

2. _____ Help with tree planting

3. _____ Forest management assistance

4. _____ Information about wildlife

5. _____ Help in selling trees or other forest products

6. _____ Help with insect or disease problem (Forest Health)

7. _____ Information about tax incentive programs (Real estate or income tax)

8. _____ Information about forest recreation

9. _____ Other, please specify _____

21. What office, agency, or individual would you contact for forestry help or advice? (If you don't know, please check "Don't know")

(Check one)

1. _____ Private consulting forester or wildlife biologist

2. _____ Industrial forester

3. _____ State employee (project forester or wildlife biologist)

4. _____ Extension Service

5. _____ Soil Conservation Service

6. _____ Other, please specify _____)

7. _____ Don't Know

22. How did you become aware of the existence of technical assistance?

(Check as many as apply.)

1. _____ Newspaper article

2. _____ Magazine article

3. _____ Radio

4. _____ Television

5. _____ State employee (project forester or wildlife biologist)

6. _____ Extension Service

7. _____ A friend or neighbor

8. _____ Other, please specify _____)

9. _____ Don't Know

23. Is there a written forestry or wildlife management plan for your property?

1. Yes _____ 2. No _____

If yes, who prepared the plan.

1. _____ I prepared the plan

2. _____ Private consulting forester or wildlife biologist

3. _____ Industrial forester

4. _____ State employee (county forester or wildlife biologist)

5. _____ Extension Service

6. _____ Natural Resources Conservation Service

7. _____ A friend or neighbor

8. _____ Other, please specify _____)

9. _____ Don't know

24. What types of forestry assistance would you be willing to pay for?

Please specify _____)

25. Why do you own woodland? (Please rank with one the most important)

Rank

1. _____ Land investment (hope to sell all or most of my woodland at a profit)
2. _____ Recreation (hunting, camping, fishing, bird watching, etc.)
3. _____ Timber production (growing timber or other forest products for sale)
4. _____ Farm or domestic use (having the woods as a source of timber for my own use,
e.g. firewood, fence posts, etc.)
5. _____ Enjoyment of owning "green space"
6. _____ Part of the farm (woodland is the untillable part of the farm and serves no useful function
in the farm operation.)
7. _____ Woodland is part of my residence
8. _____ For an estate to pass on to my children
9. _____ Other (please specify _____)

26. Which of the following do you feel were the most important benefits you derived from your woodland during the last 10 years? (Please rank these benefits in order of importance, with number one the most important)

Rank

1. _____ Increase in land value (investment)
2. _____ Recreation (hunting, camping, fishing, bird watching, etc.)
3. _____ Timber production
4. _____ Farm or domestic use
5. _____ Enjoyment of woods, wildlife, and "green space"
6. _____ Firewood
7. _____ Other (please specify _____)

27. Which of the following do you feel will be the most important benefits you expect to derive from your woodland during the next 10 years? (Please rank these benefits in order of importance, with number 1 the most important)

Rank

1. _____ Increase in land value (investment)
2. _____ Recreation (hunting, camping, fishing, bird watching, etc.)
3. _____ Timber production
4. _____ Farm or domestic use
5. _____ Enjoyment of woods, wildlife, and "green space"
6. _____ Firewood
7. _____ Other (please specify _____)

28. Does your woodland contain or is it adjacent to a:

(Check as many as apply.)

- | | |
|--------------------------|----------------------|
| 1. _____ Lake | 2. _____ Pond |
| 3. _____ Stream or river | 4. _____ Public road |

29. Is your woodland used for recreational purposes?

1. Yes _____ 2. No _____

If you answered yes above indicate what activities are permitted and by whom.

(Check as many as apply.)

Family, friends
or employees only

General
public

- | | |
|----------|---------------------------------------|
| 1. _____ | 1. _____ Hiking |
| 2. _____ | 2. _____ Picnicking or camping |
| 3. _____ | 3. _____ Camping |
| 4. _____ | 4. _____ Hunting |
| 5. _____ | 5. _____ Fishing |
| 6. _____ | 6. _____ Snowmobiling or trail biking |
| 7. _____ | 7. _____ Winter sports |
| 8. _____ | 8. _____ Bird watching |
| 9. _____ | 9. _____ Other (please explain _____) |

30. Is your woodland posted?

1. Yes _____ 2. No _____

If yes, why have you posted?

(Check one)

1. _____ Past abuse of the property (littering, damage to fences, etc.)
2. _____ To protect the safety of the residents and property
3. _____ To protect the owner from liability
4. _____ To control hunting (I wish to know who is hunting on my land and/or when)
5. _____ To prohibit hunting (I do not want any hunting on my land)
6. _____ To control access (I wish to know who is on my land)
7. _____ To prohibit access (I do not want uninvited persons on my land)
8. _____ Other, please explain _____

31. Do you or any member of your household subscribe to or receive any of the following periodicals?

(Check as many as apply.)

1. _____ National Wildlife
2. _____ Ranger Rick Magazine
3. _____ Sports Afield
4. _____ Audubon Magazine
5. _____ Pennsylvania Game News
6. _____ American Forests
7. _____ Field and Stream
8. _____ Tree Farm News
9. _____ Northern Logger
10. _____ Farm Journal
11. _____ Any other magazine similar to those listed above
(Please specify _____)
12. _____ No, I don't subscribe to any of the above magazines

32. Please indicate, by circling the appropriate letter, whether you agree or disagree with each of the following statements made by other forest-land owners. If you feel you "Don't Know," please circle the letter E "No opinion."

- A. Very strongly disagree
 B. Strongly disagree
 C. Disagree
 D. Slightly disagree
 E. No opinion
 F. Slightly agree
 G. Agree
 H. Strongly agree
 I. Very strongly agree

1	A	B	C	D	E	F	G	H	I	Protecting forests from fire, insects, and diseases is a state forestry job.
2	A	B	C	D	E	F	G	H	I	Management of forest land for wildlife and recreation reduces the value of land for timber production.
3	A	B	C	D	E	F	G	H	I	Lower taxes on forested land would not influence me to keep my land forested.
4	A	B	C	D	E	F	G	H	I	The trees near my house are valuable for shade and to provide wildlife cover.
5	A	B	C	D	E	F	G	H	I	I'm willing to pay for help to make better management decisions on my forest land.
6	A	B	C	D	E	F	G	H	I	The country is being denuded. One must do something to preserve the forest land.
7	A	B	C	D	E	F	G	H	I	Owners who manage their forest land should pay lower property taxes.
8	A	B	C	D	E	F	G	H	I	More facilities that can use low grade or poor quality wood for energy are needed.
9	A	B	C	D	E	F	G	H	I	I don't believe in wilderness areas; I believe in some form of productivity for all forest land.
10	A	B	C	D	E	F	G	H	I	It doesn't make any difference whether I pay an annual tax on standing timber or a single tax when the timber is harvested.
11	A	B	C	D	E	F	G	H	I	I purchased my forest land for investment to leave alone and sell later.
12	A	B	C	D	E	F	G	H	I	To preserve the woods you have to cut periodically. We cut to maintain the natural productivity of the land.
13	A	B	C	D	E	F	G	H	I	I would allow the public to use my land for recreation, including hunting, if my taxes were reduced for doing so.
14	A	B	C	D	E	F	G	H	I	I like the beauty of the forest the most. We must preserve, not damage it.
15	A	B	C	D	E	F	G	H	I	It is getting harder to find places to use for recreation; owning forest land insures we will have a place.

The Freedom of Information Act provides the right of access to information collected by the government. Thus, data collected from sample locations on you forest land could be the subject of a Freedom of Information Act request. The act identifies specific exemptions that protect the individual's right to privacy. One such exemption speaks of "Confidential Business Information". The courts have defined "Confidential" information as that information which if disclosed would be to likely to (1) impair the government's ability to obtain similar information in the future, or (2) harm the competitive position of the person who supplied the information. No request for this type of data has been received. To assist in answering such requests, please check which statement best describes your feeling on this issue.

- _____ I am willing to have data collected from sample plots located on lands I own made available to any who may request it.
- _____ I do not wish to have data collected from sample plots located on lands I own made available to other because I believe disclosure could harm my future competitive position.
- _____ I do not wish to have data collected from sample plots located on lands I own made available to other because I believe disclosure could harm my future competitive position. If such disclosure were to take place, I would deny the USDA Forest Service further access to my lands for the purpose of collection of forest resource data at sample locations.

Please feel free to write in any comments you have on this issue in the space below.

Public reporting burden for this collection of information is estimated to average 30 minutes, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, Room 404-w, Washington, DC 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB# 0596-0078), Washington, DC 20503.

The following questions are asked to insure proper classification to questions ____1____ through ____33____ by categories such as age, sex and education. Please be as accurate as possible. If you need space to expand on any of your answers, use the space at the end of the questionnaire. Again, answers are strictly confidential and only statistical tabulations are published. No information that could identify you as an individual is ever published.

THESE QUESTIONS DO NOT PERTAIN TO AND SHOULD NOT BE ANSWERED BY PARTNERSHIPS, CORPORATIONS, AND OTHER ORGANIZATIONS

If the woodland is owned by more than one person, the following questions should be answered for the person to whom the questionnaire is addressed. If the questionnaire is addressed to joint owners, as husband and wife, these questions should be answered by the person who makes most of the decisions.

34. During the first 12 years of the owner's life where did he or she live most of the time?

(Check one)

1. _____ In a city with a population of 100,000 or more
2. _____ In a city with a population of 10,000 to 99,999
3. _____ In a town with a population of fewer than 10,000
4. _____ In a rural area
5. _____ On a farm

35. What is the sex of the owner?

1. Male _____ 2. Female _____ 3. Joint ownership _____

36. What is the age of the owner?

(Check one)

1. _____ Under 24
2. _____ 25-34
3. _____ 35-44
4. _____ 45-54
5. _____ 55-64
6. _____ 65 and over

37. How many years of formal education has the owner completed?

(Check one)

1. _____ Grade 1-8
2. _____ Some high school (9-11)
3. _____ High school (12)
4. _____ Some schooling beyond high school (13-15)
5. _____ Undergraduate college degree (16)
6. _____ Some graduate college work (16+)

38. What is the primary occupation of the owner?

39. What is your best estimate of the total combined income of all members of the owner's household over 14 years of age during the last 12 months? (Please include NET income from businesses, farming, and rentals, money from jobs, pensions, dividends, interest, social security, unemployment, welfare, and workman's compensation)

(Check one)

1. _____ Less than \$10,000
2. _____ \$10,000 to \$19,999
3. _____ \$20,000 to \$29,999
4. _____ \$30,000 to \$39,999
5. _____ \$40,000 to \$49,999
6. _____ \$50,000 to \$59,999
7. _____ \$60,000 to \$74,999
8. _____ \$75,000 to \$99,999
9. _____ Over \$100,000

How many persons over age 14 are members of the owner's household? No. _____

40. Which categories below most closely describe the racial or ethnic origins of the owners?

(Check one)

1. _____ Native American, American Indian, or Alaska Native
2. _____ Asian
3. _____ Black or African American
4. _____ Hispanic or Latino
5. _____ Native Hawaiian or Other Pacific Islander
6. _____ White

Thank you for taking the time to fill out our questionnaire. Your cooperation is greatly appreciated. Would you like to be sent a copy of the results of this survey?

1. Yes _____ 2. No _____

Please feel free to write in any comments you have in the space below

Definitions of Terms

Farmer-owned lands. Lands owned by farm operators, whether part of the farmstead or not.

Forest industries. Corporations or individuals operating primary wood-processing plants.

Forest industry lands. Lands owned by corporations or individuals operating wood-processing plants.

Forest land. Land that is at least 16.7 percent stocked (contains at least 7.5 square feet of basal area) by forest trees of any size, or that formerly had such tree cover and is not currently developed for nonforest use. (Forest trees are woody plants that have a well-developed stem and usually are more than 12 feet tall at maturity.) The minimum area for classification of forest land is one acre.

Ownerships. All types of legal entities having ownership interest in land, regardless of the number of people involved. It is the locus of decisionmaking, whether an individual (sole proprietor), group of individuals (partnerships, or undivided estates), or legal entity (corporation, trust, or tribe).

Private timberland. All timberland other than that owned by Federal, state, or local governments or their agencies.

Timberland. Forest land that is producing or capable of producing crops of industrial wood (more than 20 cubic feet/acre/year) and that is not withdrawn from timber utilization.

Index to Tables

Statewide

1. Estimated number of ownerships and acres of forest land, by size class of ownership, New York, 1980 and 1994.

2. Estimated number of ownerships and acres of forest land, by size class and geographic region, New York, 1994.

3. Estimated number of ownerships and acres of forest land, by ownership class and intention to harvest, New York, 1994.

4. Estimated number of ownerships and acres of forest land, by type of ownership and past harvest experience, New York, 1994.

5. Estimated number of ownerships and acres of forest land, by ownership size and type of ownership, New York, 1994.

6. Estimated number of ownerships and acres of forest land, by type of ownership, New York, 1980 and 1994.

7. Estimated number of ownerships and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, New York, 1994.

8. Estimated number of ownerships and acres of forest land, by age class and past harvest experience, New York, 1994.

9. Estimated number of ownerships and acres of forest land, by income class of owners, New York, 1994.

10. Estimated number of ownerships and acres of forest land, by education of owners, New York, 1994.

11. Estimated number of ownerships and acres of forest land owned, by owner's occupation, New York, 1980 and 1994.

12. Estimated number of ownerships and acres of forest land, by early life environment of owners, New York, 1994.

13. Estimated number of ownerships and acres of forest land owned, by date of acquisition, New York, 1980 and 1994.

14. Estimated number of ownerships and acres of forest land, by date of first acquisition and type of ownership, New York, 1994.

15. Estimated number of ownerships and acres of forest land, by date of first acquisition, harvest experience, and type of ownership, New York, 1994.

16. Estimated number of ownerships and acres of forest land, by distance from nearest tract and geographic region, New York, 1994.

17. Estimated number of ownerships and acres of forest land, by number of tracts and geographic region, New York, 1994.

18. Estimated number of ownerships and acres of forest land, by percent of urban population in zip code of owner's residence or business, New York, 1994 (from 1990 population census).

19. Estimated number of ownerships and acres of forest land, by primary reason for owning forest land, New York, 1980 and 1994.

20. Estimated number of ownerships and acres of forest land, by primary reason for owning forest land and past harvest experience, New York, 1994.

21. Estimated number of ownerships and acres of forest land, by primary and secondary reason for owning forest land, New York, 1994.

22. Estimated number of ownerships and acres of forest land, by primary benefit received in the last 10 years and harvest experience, New York, 1994.

23. Estimated number of ownerships and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, New York, 1994.

24. Estimated number of ownerships and acres of forest land, by primary benefit expected in the future, New York, 1994.

25. Estimated number of ownerships and acres of forest land, by whether a written management plan had been prepared, New York 1994.

26. Estimated number of ownerships and acres of forest land, by who prepared the written management plan, New York, 1994.

27. Estimated number of ownerships and acres of forest land, by harvest experience, forestry assistance, and ownership class, New York, 1994.

28. Estimated number of ownerships that have received forestry assistance and acres of forest land, by type of assistance, New York, 1994.

29. Estimated number of ownerships and acres of forest land, by source of forestry assistance and ownership class, New York, 1994.

30. Estimated number of ownerships and acres of forest land, by products harvested and ownership class, New York, 1994.

31. Estimated number of ownerships and acres of forest land owned, by harvest experience, New York 1980 and 1994.

32. Estimated number of ownerships and acres of forest land, by reason for harvesting and type of ownership, New York, 1994.

33. Estimated number of ownerships and acres of forest land, by expected time of future harvest and harvest experience, New York, 1994.

34. Estimated number of ownerships and acres of forest land, by reason for not harvesting and type of ownership, New York, 1994.

35. Estimated number of ownerships and acres of forest land that have harvested timber for sale, by individual selecting timber for sale, New York, 1994.

36. Estimated number of ownerships that have harvested timber and acres of forest land, by individual selecting timber for sale, New York, 1994.

37. Estimated number of ownerships and acres of forest land, by size class and intention to harvest, New York, 1994.

38. Estimated number of ownerships and acres of forest land, by availability for recreation, New York, 1994.

39. Estimated number of ownerships and acres of forest land, by type of recreational use by owner, owner's family, or immediate circle of friends, New York, 1994.

40. Estimated number of ownerships and acres of forest land, by type of public recreational use, New York, 1994.

41. Estimated number of ownerships and acres of forest land, by availability for public recreation and ownership class, New York, 1994.

42. Estimated number of ownerships and acres of forest land, by size class and whether land is posted, New York, 1994.

43. Estimated number of ownerships and acres of forest land, by reason for posting, New York, 1994.

44. Estimated number of ownerships and acres of forest land, by opinion question statement number and response to statement, New York, 1994.

45. Estimated number of ownerships and acres of forest land, by conservation-oriented publications they receive, New York, 1994.

Regional

46. Estimated number of ownerships and acres of forest land, by occupation class and geographic region, New York, 1994.

47. Estimated number of ownerships and acres of forest land, by primary reason for owning forest land and geographic region, New York, 1994.

48. Estimated number of ownerships and acres of forest land, by primary benefit expected in the next 10 years and geographic region, New York, 1994.

49. Estimated number of ownerships and acres of forest land, by reason for harvesting and geographic region, New York, 1994.

50. Estimated number of ownerships and acres of forest land, by reason for not harvesting and geographic region, New York, 1994.

51. Estimated number of ownerships and acres of forest land, by expected time of future harvest and past harvest experience, Adirondack Region, New York, 1994.

52. Estimated number of ownerships and acres of forest land, by expected time of future harvest and past harvest experience, Lake Plain Region, New York, 1994.

53. Estimated number of ownerships and acres of forest land, by expected time of future harvest and past harvest experience, Southwest Region, New York, 1994.

54. Estimated number of ownerships and acres of forest land, by expected time of future harvest and past harvest experience, Southeast Region, New York, 1994.

Table 1.—Estimated number of private ownerships and acres of forest land owned, by size class of ownership, New York, 1980 and 1994

Size class (acres)	1980		1994	
	Number	Percent	Number	Percent
	(In ownerships)			
1-9	270,200	53	251,100	51
10-49	171,900	34	168,600	34
50-99	38,100	8	38,200	8
100-499	24,900	5	31,700	6
500-999	800	W	1,200	1
1000+	600	W	500	W
Total	506,500	100	491,300	100
	(In thousands of acres)			
1-9	902	6	869	6
10-49	3,670	25	3,688	26
50-99	2,516	18	2,526	18
100-499	4,180	29	4,928	34
500-999	543	4	608	4
1000+	2,616	18	1,748	12
Total	14,427	100	14,367	100

W-fewer than 50 owners or less than 0.5 percent.

Table 2.—Estimated number of ownerships and acres of forest land, by size class and geographic region, New York, 1994

Size class (acres)	Adirondack		Lake Plain		Southwest		Southeast		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
(In ownerships)											
1-9	17,000	23	59,200	47	64,100	51	110,800	64	251,100	51	14.1
10-19	14,600	19	24,500	19	12,000	10	22,600	13	73,700	15	11.3
20-49	23,800	32	20,800	19	26,900	21	23,400	13	94,900	19	6.7
50-99	8,700	12	7,500	8	13,200	11	8,800	5	38,200	8	6.6
100-199	6,100	8	2,500	4	6,600	5	4,400	3	19,600	4	6.9
200-499	4,200	6	1,200	3	2,900	2	3,800	2	12,100	2	16.4
500-999	300	W	300	W	200	W	400	W	1,200	W	22.3
1000-4999	300	W	W	W	W	W	100	W	400	W	18.1
5000+	100	W	0	0	W	W	W	W	100	W	27.0
Subtotal over 10	58,100	77	56,800	53	61,800	49	63,500	36	240,200	49	3.8
Total	75,100	100	116,000	100	125,900	100	174,300	100	491,300	100	7.1
SE%	13.4		14.0		14.4		13.1		7.1		
(In thousands of acres)											
1-9	57	1	216	9	211	6	385	11	869	6	11.3
10-19	169	3	319	14	159	4	303	9	950	7	11.0
20-49	732	15	614	27	718	19	674	20	2,738	19	6.4
50-99	582	12	512	23	863	23	569	17	2,526	18	6.6
100-199	773	16	307	13	816	22	534	15	2,430	17	7.0
200-499	1,039	21	228	10	682	18	549	16	2,498	17	6.9
500-999	221	5	57	3	111	3	220	6	608	4	14.5
1000-4999	355	7	23	1	87	2	141	4	606	4	15.3
5000+	971	20	0	0	103	3	68	2	1,142	8	19.9
Subtotal over 10	4,842	99	2,059	91	3,539	94	3,058	89	13,498	94	0.8
Total	4,899	100	2,275	100	3,750	100	3,443	100	14,367	100	0.4
SE%	0.5		1.2		0.8		0.9		0.4		

W - Fewer than 50 owners or less than 0.5 percent.

Table 3.—Estimated number of ownerships and acres of forest land, by ownership class and intention to harvest, New York, 1994

Ownership class	Future harvest									
	1-10 years					No answer				
	Percent	Indefinite	Percent	Never	Percent	Percent	Percent	Total	Percent	SE%
(In ownerships)										
Forest industry	100	W	0	0	0	0	0	100	W	50.6
Farmer	51,000	30	26,100	16	6,300	5	3,600	13	87,100	18
Individual	110,600	65	127,100	77	111,100	87	23,900	87	372,600	76
Corporate	4,100	2	3,100	2	2,800	2	0	0	10,000	2
Other	4,900	3	8,600	5	8,000	6	W	W	21,500	4
Total	170,700	100	164,900	100	128,200	100	27,500	100	491,300	100
SE%	10.6		11.5		17.7		49.0		7.1	7.1
(In thousands of acres)										
Forest industry	865	11	0	0	0	0	0	0	865	6
Farmer	2,202	28	976	23	238	12	118	27	3,534	25
Individual	3,715	48	2,696	65	1,446	72	298	69	8,155	57
Corporate	524	7	213	5	135	7	0	0	872	6
Other	465	6	275	7	184	9	17	4	941	6
Total	7,771	100	4,160	100	2,003	100	433	100	14,367	100
SE%	3.0		5.0		7.3		17.7		0.4	0.4

W- Fewer than 50 owners or less than 0.5 percent.

Table 4.—Estimated number of ownerships and acres of forest land, by type of ownership and past harvest experience, New York, 1994

Type of ownership	Harvest experience				Total	Percent	SE%
	Harvested	Percent	Did not harvest	Percent			
	(In ownerships)						
Individual/joint	177,000	92	278,500	93	455,500	93	7.6
Partnership	8,600	5	7,300	3	15,900	3	28.2
Corporation	4,500	2	5,700	2	10,200	2	30.7
Club/association	2,400	1	1,000	W	3,400	1	58.4
Other	700	W	5,600	2	6,300	1	88.3
Total	193,200	100	298,100	100	491,300	100	7.1
SE%	8.6		10.9		7.1		
	(In thousands of acres)						
Individual/joint	6,807	75	4,572	87	11,379	79	2.1
Partnership	506	6	307	6	813	6	12.6
Corporation	1,454	16	302	6	1,756	12	13.6
Club/association	226	2	57	1	283	2	24.1
Other	125	1	11	W	136	1	32.3
Total	9,118	100	5,249	100	14,367	100	0.4
SE%	2.4		4.2		0.4		

W-Fewer than 50 owners or less than 0.5 percent.

Table 5.—Estimated number of ownerships and acres of forest land, by ownership size and type of ownership, New York, 1994

Ownership size (acres)	Individual	Percent	Corporation	Percent	Other (In ownerships)	Percent	Total	Percent	SE%
1-9	235,000	52	3,700	36	12,400	48	251,100	51	14.1
10-19	69,900	15	3,000	29	800	3	73,700	15	11.3
20-49	89,300	20	600	6	5,000	21	94,900	19	6.7
50-99	34,600	7	1,300	13	2,300	9	38,200	8	6.6
100-199	17,700	4	300	3	1,600	6	19,600	4	6.9
200-499	8,300	2	600	6	3,200	13	12,100	2	16.4
500-999	600	W	500	5	100	W	1,200	W	22.3
1000-4999	200	W	100	1	100	W	400	W	18.1
5000+	W	W	100	1	W	W	100	W	27.0
Subtotal over 10	220,500	48	6,500	64	13,200	52	240,200	49	3.8
Total	455,500	100	10,200	100	25,600	100	491,300	100	7.1
SE%	7.6		3.1		23.7		7.1		
(In thousands of acres)									
1-9	800	7	22	1	47	4	869	6	11.3
10-19	893	8	45	2	12	1	950	7	11.0
20-49	2,596	23	22	1	120	10	2,738	19	6.4
50-99	2,269	20	84	5	173	14	2,526	18	6.6
100-199	2,195	19	50	3	185	15	2,430	17	7.0
200-499	1,989	17	178	10	331	27	2,498	17	6.9
500-999	323	3	204	12	81	6	608	4	14.5
1000-4999	246	2	228	13	132	11	606	4	15.3
5000+	68	1	923	53	151	12	1,142	8	19.9
Subtotal over 10	10,579	93	1,734	99	1,185	96	13,498	94	0.8
Total	11,379	100	1,756	100	1,232	100	14,367	100	0.4
SE%	2.1		13.6		11.1		0.4		

W- Fewer than 50 owners or less than 0.5 percent.

Table 6.—Estimated number of ownerships and acres of forest land, by type of ownership, New York, 1980 and 1994

Type of ownership	1980		1994	
	Number	Percent	Number	Percent
	(In ownerships)			
Individual	453,700	89	455,500	93
Partnership	28,900	6	15,900	3
Corporation	9,300	2	10,200	2
Other	14,600	3	9,900	2
Total	506,500	100	491,300	100
	(In thousands of acres)			
Individual	10,732	74	11,379	79
Partnership	663	5	813	6
Corporation	2,263	16	1,756	12
Other	769	5	419	3
Total	14,427	100	14,367	100

Table 7.—Estimated number of ownerships and acres of forest land, by incorporated and unincorporated businesses and past harvest experience, New York, 1994

Nature of business	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
(In ownerships)							
Incorporated							
Forest industry	W	W	0	0	W	W	26.5
Farm	100	W	100	W	200	W	50.6
Industrial business	200	W	400	W	600	W	71.4
Real estate	1,000	1	1,400	1	2,400	1	47.6
Non-industrial	2,300	1	W	W	2,300	W	98.4
Sport/recreation club	400	W	1,100	W	1,500	W	52.1
Public utility	100	W	0	0	100	W	98.1
Other	400	W	2,700	1	3,100	1	50.3
Total corporate	4,500	2	5,700	2	10,200	2	30.7
Unincorporated							
Forest industry	100	W	0	0	100	W	61.7
Farm	54,400	25	32,400	11	86,500	18	11.8
Misc. individual	123,200	68	234,400	80	357,600	73	9.3
Industrial business	W	W	0	0	W	W	99.1
Real estate	6,000	1	4,300	1	10,300	2	34
Nonindustrial business	700	W	10,100	4	10,800	2	67.4
Sport/recreation club	200	2	300	W	500	W	48.1
Other	4,100	1	11,400	1	15,500	3	33.8
Total noncorporate	188,700	98	292,400	98	481,100	98	8.0
Total	193,200	100	298,100	100	491,300	100	7.8
SE%	8.6		10.9		7.1		
(In thousands of acres)							
Incorporated							
Forest industry	809	10	0	0	809	6	28.7
Farm	49	1	26	1	75	1	41.1
Industrial business	55	1	12	W	67	W	45.5
Real estate	91	1	89	2	180	1	25.7
Non-industrial	12	W	16	W	28	W	71.9
Sport/recreation club	149	1	34	1	183	1	25.9
Public utility	24	W	0	0	24	W	70.9
Other	266	3	124	2	390	3	18.7
Total corporate	1,454	16	302	6	1,756	12	13.6
Unincorporated							
Forest industry	91	1	0	0	91	1	41.1
Farm	2,407	27	861	17	3,268	23	5.8
Misc. individual	4,209	46	3,583	68	7,791	54	3.3
Industrial business	17	W	0	0	17	W	100
Real estate	209	2	178	3	387	3	19.2
Nonindustrial business	46	1	44	1	89	1	41.5
Sport/recreation club	342	4	106	2	448	3	24.7
Other	216	2	165	3	381	3	19.4
Total noncorporate	7,535	84	4,937	94	12,472	88	2.0
Total	9,118	100	5,249	100	14,367	100	0.4
SE%	2.4		4.2		0.4		

W- Fewer than 50 owners or less than 0.5 percent.

Table 8.—Estimated number of ownerships and acres of forest land, by age class and past harvest experience, New York, 1994

Age (years)	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
(In ownerships)							
Under 25	100	W	300	W	400	W	58.4
25-34	5,800	3	7,700	3	13,500	3	29.4
35-44	31,600	16	51,500	17	83,100	17	15.5
45-54	26,700	14	35,300	12	62,000	13	13.9
55-64	49,500	26	88,700	30	138,200	28	16.3
65 or over	46,900	24	70,100	24	117,000	24	16.1
No answer	16,400	9	25,000	8	41,400	8	35.9
All other owners	16,200	8	19,500	6	35,700	7	22.2
Total	193,200	100	298,100	100	491,300	100	7.1
SE%	8.6		10.9		7.1		
(In thousands of acres)							
Under 25	13	W	32	1	45	W	58.5
25-34	178	2	133	2	311	2	20.6
35-44	973	11	868	17	1,841	13	7.9
45-54	1,293	14	906	17	2,199	15	7.5
55-64	1,718	19	1,101	21	2,819	20	6.3
65 or over	2,182	24	1,200	23	3,382	24	5.6
No answer	450	5	332	6	782	5	12.5
All other owners	2,311	25	677	13	2,988	21	8.0
Total	9,118	100	5,249	100	14,367	100	0.4
SE%	2.4		4.2		0.4		

W-Fewer than 50 owners of less than 0.5 percent.

Table 9.—Estimated number of ownerships and acres of forest land, by income class of owners, New York, 1994

Income (dollars)	Ownerships			Acres owned		
	Number	Percent	SE%	Thousands	Percent	SE%
Under 10,000	14,100	3	34.4	426	3	17.7
10,000-19,999	58,000	12	27.6	997	7	11.3
20,000-29,999	61,400	13	30.1	1,471	10	9.1
30,000-39,999	59,800	12	19.2	1,322	9	9.5
40,000-49,999	30,300	6	22.9	1,014	7	11.2
50,000-59,999	25,000	5	23.2	770	5	12.7
60,000-74,999	34,500	7	22.3	877	6	11.9
75,000-99,999	40,600	8	23.8	932	7	11.5
Over 100,000	30,400	6	18.7	1,302	9	9.8
No answer	101,400	21	18.2	2,266	16	7.1
All other owners	35,700	7	22.2	2,988	21	8.0
Total	491,300	100	7.1	14,367	100	0.4
SE%	7.1			0.4		

Table 10.—Estimated number of ownerships and acres of forest land, by education of owners, New York, 1994

Education	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Grades 1-8	4,700	1	247	2
Grades 9-12	22,500	5	691	5
High school graduate	91,900	19	2,482	17
Schooling beyond high school	118,600	24	2,482	17
Undergraduate degree	58,100	11	1,626	11
Some graduate work	110,900	23	2,997	21
No answer	48,900	10	854	6
All other owners	35,700	7	2,988	21
Total	491,300	100	14,367	100
SE%	7.1		0.4	

Table 11.—Estimated number of private ownerships and acres of forest land owned, by owner's occupation, New York, 1980 and 1994

Owner's occupation	1980		1994	
	Number	Percent	Number	Percent
(In ownerships)				
White collar	137,300	30	147,100	32
Blue collar	87,400	19	48,400	11
Farmer	57,500	13	25,300	6
Retired	89,200	20	159,300	35
Other	82,300	18	75,400	16
Total	453,700	100	455,500	100
(In thousands of acres)				
White collar	3,250	30	4,024	35
Blue collar	1,606	15	1,149	10
Farmer	1,800	17	1,081	10
Retired	2,334	22	3,471	30
Other	1,742	16	1,654	15
Total	10,732	100	11,379	100

Table 12.—Estimated number of ownerships and acres of forest land, by early life environment of owners, New York, 1994

Early life environment	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Large city	85,700	17	2,256	16
Small city	57,200	12	1,484	10
Town	83,100	17	1,837	13
Rural area	93,700	19	2,327	16
Farm	88,200	18	2,629	18
No answer	47,700	10	846	6
All other owners	35,700	7	2,988	21
Total	491,300	100	14,367	100
SE%	7.1		0.4	

Table 13.—Estimated number of private ownerships and acres of forest land owned, by date of acquisition, New York, 1980 and 1994

Date of acquisition	1980		1994	
	Number	Percent	Number	Percent
(In ownerships)				
1980-1993	-	-	166,100	34
1970-1979	185,200	37	135,300	28
1960-1969	143,400	28	77,900	16
1950-1959	65,800	13	29,800	6
Prior to 1950	83,000	16	26,200	5
No answer	29,100	6	56,000	11
Total	506,500	100	491,300	100
(In thousands of acres)				
1980-1993	-	-	4,034	28
1970-1979	3,353	23	3,054	21
1960-1969	3,514	24	2,405	17
1950-1959	2,796	20	1,169	8
Prior to 1950	4,157	29	2,561	18
No answer	607	4	1,142	8
Total	14,427	100	14,367	100

Table 14.—Estimated number of ownerships and acres of forest land, by date of first acquisition and type of ownership, New York, 1994

Date of acquisition	Forest industry	Farmer	Other individual (In ownerships)	Corporation	Other	Total	Percent	SE%
1990-1994	0	3,900	22,600	W	2,000	28,500	6	20.5
1980-1989	W	10,100	116,300	4,900	6,300	137,600	28	12.3
1970-1979	100	25,400	107,000	800	2,000	135,300	28	16.5
1960-1969	W	14,200	60,100	100	3,500	77,900	16	21.4
1950-1959	0	8,700	18,800	2,000	300	29,800	6	25.5
1940-1949	0	8,700	7,100	100	W	15,900	3	19.7
1901-1939	W	2,700	4,900	1,100	200	8,900	2	30.3
Prior to 1900	W	800	500	100	W	1,400	W	42.4
No answer	W	12,600	35,300	900	7,200	56,000	11	27.1
Total	100	87,100	372,600	10,000	21,500	491,300	100	7.1
SE%	50.6	11.3	9.1	31.3	33.7	7.1		
(In thousands of acres)								
1990-1994	0	121	463	11	39	634	4	13.9
1980-1989	15	603	2,361	210	211	3,400	24	5.7
1970-1979	15	752	2,018	117	152	3,054	21	6.0
1960-1969	30	673	1,446	82	174	2,405	17	7.0
1950-1959	0	430	582	115	42	1,169	8	10.3
1940-1949	0	342	369	67	11	789	6	12.7
1901-1939	74	170	273	152	94	763	5	13.5
Prior to 1900	718	56	60	67	110	1,011	7	22.4
No answer	13	387	583	52	107	1,142	8	10.1
Total	865	3,534	8,155	872	941	14,367	100	0.4
SE%	26.8	5.3	3.2	11.9	12.4	0.4		

W-fewer than 50 owners or less than 0.5 percent.

Table 15.—Estimated number of ownerships and acres of forest land, by date of first acquisition, harvest experience, and type of ownership, New York, 1994

Date of acquisition	Individual owners				All other ownerships							
	Harvested		Did not harvest		Harvested		Did not harvest		Total	Percent	SE%	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent				
	(In ownerships)											
1990-1994	7,500	4	18,400	6	2,500	15	100	1	28,500	6	20.5	
1980-1989	46,700	27	79,200	28	7,500	46	4,200	21	137,600	28	12.3	
1970-1979	43,700	25	88,000	32	1,600	10	2,000	10	135,300	28	16.5	
1960-1969	26,600	15	47,100	17	1,900	12	2,300	12	77,900	16	21.4	
1950-1959	13,800	8	13,600	5	400	2	2,000	10	29,800	6	25.5	
1940-1949	12,500	7	2,300	1	1,100	7	0	0	15,900	3	19.7	
1901-1939	5,500	3	1,800	1	600	4	1,000	5	8,900	2	30.3	
Prior to 1900	700	W	300	W	300	2	100	1	1,400	W	42.4	
No answer	20,100	11	27,800	10	300	2	7,800	40	56,000	11	27.1	
Total	177,100	100	278,500	100	16,200	100	19,500	100	491,300	100	7.1	
SE%	9.1		11.5		28.7		33.2		7.1			
	(In thousands of acres)											
1990-1994	143	2	429	9	38	2	24	3	634	4	13.9	
1980-1989	1,475	22	1,437	31	250	11	238	35	3,400	24	5.7	
1970-1979	1,572	23	1,136	25	173	7	173	26	3,054	21	6.0	
1960-1969	1,342	20	718	16	284	12	61	9	2,405	17	7.0	
1950-1959	744	11	257	6	123	5	45	7	1,169	8	10.3	
1940-1949	531	8	127	3	131	6	0	0	789	6	12.7	
1901-1939	331	5	89	2	299	13	44	6	763	5	13.5	
Prior to 1900	85	1	16	W	897	39	13	2	1,011	7	22.4	
No answer	584	8	363	8	116	5	79	12	1,142	8	10.1	
Total	6,807	100	4,572	100	2,311	100	677	100	14,367	100	0.4	
SE%	3.6		4.6		10.1		13.1		0.4			

W-fewer than 50 owners or less than 0.5 percent.

Table 16.—Estimated number of ownerships and acres of forest land, by distance from nearest tract and geographic region, New York, 1994

Distance (miles)	Adirondack		Lake Plain		Southwest		Southeast		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
(In ownerships)											
Less than 1	48,400	64	77,500	67	49,300	39	107,700	62	282,900	58	9.6
2-5	2,100	3	1,600	1	3,400	3	1,700	1	8,800	2	19.1
6-15	3,100	4	3,800	3	3,100	3	6,500	4	16,500	3	26.9
16-25	200	W	100	W	400	W	4,600	3	5,300	1	48.3
26-50	3,100	4	4,500	4	11,800	9	1,200	1	20,600	4	31
51-100	4,900	7	1,800	2	8,600	7	5,300	3	20,600	4	29.1
More than 100	8,800	12	5,500	5	26,100	21	30,400	17	70,800	15	18.1
No answer	4,500	6	21,200	18	23,200	18	16,900	9	65,800	13	28.7
Total	75,100	100	116,000	100	125,900	100	174,300	100	491,300	100	7.1
SE%	13.4		14.0		14.4		13.1		7.1		
(In thousands of acres)											
Less than 1	2,433	50	1,433	63	1,913	51	1,932	56	7,711	54	3.2
2-5	691	14	80	4	345	9	84	2	1,200	8	17.9
6-15	277	6	114	5	222	6	231	7	844	6	12.2
16-25	122	2	23	1	36	1	105	3	286	2	28.4
26-50	332	7	148	7	132	4	52	2	664	5	21.6
51-100	146	3	57	2	228	6	221	6	652	4	13.3
More than 100	682	14	147	6	499	13	534	16	1,862	13	8.3
No answer	216	4	273	12	375	10	284	8	1,148	8	10.1
Total	4,899	100	2,275	100	3,750	100	3,443	100	14,367	100	0.4
SE%	0.5		1.2		0.8		0.9		0.4		

Table 17.—Estimated number of ownerships and acres of forest land, by number of tracts and geographic region, New York, 1994

Number of tracts	Adirondack		Lake Plain		Southwest		Southeast		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
(In ownerships)											
1	58,900	78	92,600	80	107,700	86	147,900	85	407,100	83	8.6
2	9,600	13	16,200	14	9,000	7	14,700	8	49,500	10	13.6
3 or more	6,600	9	7,200	6	9,200	7	11,700	7	34,700	7	14.0
Total	75,100	100	116,000	100	125,900	100	174,300	100	491,300	100	7.1
SE%	13.4		14.0		14.4		13.1		7.1		
(In thousands of acres)											
1	2,192	45	1,411	62	2,263	60	1,974	57	7,840	54	3.1
2	906	19	398	18	656	18	593	17	2,553	18	7.0
3 or more	1,801	36	466	20	831	22	876	26	3,974	28	6.4
Total	4,899	100	2,275	100	3,750	100	3,443	100	14,367	100	0.4
SE%	0.5		1.2		0.8		0.9		0.4		

Table 18.—Estimated number of ownerships and acres of forest land, by percent of urban population in zip code of owner's residence or business, New York, 1994 (from 1990 Census of Population)

Urban population in zip code (%)	Ownerships		Acres owned		Persons in sample zip code	
	Number	Percent	Number	Percent	Number	Percent
0	213,621	42	6,555,167	48	838,238	12
1-24	17,128	3	315,916	2	102,445	1
25-49	39,790	8	1,302,184	10	441,418	6
50-74	62,402	12	1,497,166	11	881,416	12
75-99	64,733	13	1,203,626	9	1,464,338	21
100	115,170	22	2,864,328	21	3,395,795	48
Total	512,188	100	13,689,637	100	7,123,650	100

Table 19.—Estimated number of private ownerships and acres of forest land owned, by primary reason for owning forest land, New York, 1980 and 1994

Reason for owning	1980		1994	
	Number	Percent	Number	Percent
(In ownerships)				
Land investment	57,000	11	23,700	5
Recreation	53,100	11	92,700	19
Timber production	16,900	3	1,500	W
Farm and domestic use	97,600	19	49,700	10
Enjoyment of owning	75,000	15	100,500	20
Part of farm	79,600	16	46,200	9
Part of residence	82,200	16	126,500	26
Other	24,000	5	31,500	7
No answer	21,100	4	19,000	4
Total	506,500	100	491,300	100
(In thousands of acres)				
Land investment	1,669	12	1,326	9
Recreation	2,319	16	2,811	20
Timber production	1,917	13	1,252	9
Farm and domestic use	2,467	17	1,578	11
Enjoyment of owning	1,745	12	2,228	16
Part of farm	1,579	11	1,478	10
Part of residence	1,478	10	1,851	13
Other	1,002	7	1,515	10
No answer	251	2	328	2
Total	14,427	100	14,367	100

W-fewer than 50 owners or less than 0.5 percent.

Table 20.—Estimated number of ownerships and acres of forest land, by primary reason for owning forest land and past harvest experience, New York, 1994

Reason for owning	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
(In ownerships)							
Land investment	9,300	5	14,400	5	23,700	5	19.8
Recreation	25,600	13	67,100	22	92,700	19	18.2
Timber production	1,200	1	300	W	1,500	W	24.9
Farm and domestic use	33,600	17	16,100	5	49,700	10	16.6
Aesthetic enjoyment	30,200	16	70,300	24	100,500	20	19.5
Part of farm	26,200	14	20,000	7	46,200	9	18.9
Part of residence	53,100	27	73,400	25	126,500	26	15.4
Estate	5,600	3	8,900	3	14,500	3	24.5
Other	6,800	3	10,200	3	17,000	4	27.1
No answer	1,600	1	17,400	6	19,000	4	67.6
Total	193,200	100	298,100	100	491,300	100	7.1
SE%	8.6		10.9		7.1		
(In thousands of acres)							
Land investment	784	9	542	10	1,326	9	9.8
Recreation	1,515	17	1,296	25	2,811	20	6.4
Timber production	1,193	13	59	1	1,252	9	18.6
Farm and domestic use	1,319	14	259	5	1,578	11	8.6
Aesthetic enjoyment	1,110	12	1,118	21	2,228	16	7.4
Part of farm	1,030	11	448	9	1,478	10	8.9
Part of residence	1,090	12	761	14	1,851	13	7.9
Estate	430	5	298	6	728	5	13.2
Other	498	5	289	6	787	5	12.7
No answer	149	2	179	3	328	2	20.0
Total	9,118	100	5,249	100	14,367	100	0.4
SE%	2.4		4.2		0.4		

W-fewer than 50 owners or less than 0.5 percent.

Table 21.—Estimated number of ownerships and acres of forest land, by primary and secondary reason for owning forest land, New York, 1994

Reason for owning	Primary reason		Secondary reason	
	Number	Percent	Number	Percent
	(In ownerships)			
Land investment	23,700	5	30,900	6
Recreation	92,700	19	34,800	7
Timber production	1,500	W	12,600	3
Farm and domestic use	49,700	10	44,600	9
Aesthetic enjoyment	100,500	20	89,000	18
Part of farm	46,200	9	18,300	4
Part of residence	126,500	26	46,500	10
Estate	14,500	3	21,700	4
Other	17,000	4	1,100	W
No secondary reason given	-	-	172,800	35
No answer	19,000	4	19,000	4
Total	491,300	100	491,300	100
	(In thousands of acres)			
Land investment	1,326	9	761	5
Recreation	2,811	20	1,424	10
Timber production	1,252	9	857	6
Farm and domestic use	1,578	11	1,377	10
Aesthetic enjoyment	2,228	16	2,201	15
Part of farm	1,478	10	705	5
Part of residence	1,851	13	1,018	7
Estate	728	5	1,152	8
Other	787	5	406	3
No secondary reason given	-	-	4,138	29
No answer	328	2	328	2
Total	14,367	100	14,367	100

W-fewer than 50 owners or less than 0.5 percent.

Table 22.—Estimated number of ownerships and acres of forest land, by primary benefit received in the last 10 years and past harvest experience, New York, 1994

Benefit received	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
			(In ownerships)				
Land value increase	10,300	5	29,200	10	39,500	8	20.0
Recreation	25,500	13	48,800	16	74,300	15	15.8
Income from timber	12,200	6	0	0	12,200	2	32.6
Farm and domestic use	15,000	8	12,100	4	27,100	6	24.7
Aesthetic enjoyment	66,300	35	159,900	54	226,200	46	12.0
Firewood	34,600	18	0	0	34,600	7	24.0
Other	15,300	8	7,800	3	23,100	5	40.6
No answer	14,000	7	40,300	13	54,300	11	27.9
Total	193,200	100	298,100	100	491,300	100	7.1
SE%	8.6		10.9		7.1		
			(In thousands of acres)				
Land value increase	756	8	670	13	1,426	10	9.4
Recreation	1,447	16	1,141	22	2,588	18	6.7
Income from timber	1,565	17	0	0	1,565	11	15.4
Farm and domestic use	727	8	285	5	1,012	7	11.1
Aesthetic enjoyment	2,775	30	2,248	43	5,023	35	4.4
Firewood	999	11	0	0	999	7	11.1
Other	327	4	258	5	585	4	15.3
No answer	522	6	647	12	1,169	8	10.2
Total	9,118	100	5,249	100	14,367	100	0.4
SE%	2.4		4.2		0.4		

Table 23.—Estimated number of ownerships and acres of forest land, by primary benefit expected in the next 10 years and past harvest experience, New York, 1994

Expected benefit	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
			(In ownerships)				
Land value increase	21,100	11	33,300	11	54,400	11	17.5
Recreation	24,800	13	45,600	15	70,400	14	17.4
Income from timber	12,900	7	1,900	1	14,800	3	26.8
Farm and domestic use	24,700	13	16,600	6	41,300	9	23.8
Aesthetic enjoyment	69,300	36	152,800	51	222,100	45	12.2
Firewood	27,500	14	6,900	2	34,400	7	22.4
Other	4,100	2	14,100	5	18,200	4	38.2
No answer	8,800	4	26,900	9	35,700	7	38.8
Total	193,200	100	298,100	100	491,300	100	7.1
SE%	8.6		10.9		7.1		
			(In thousands of acres)				
Land value increase	992	11	923	17	1,915	13	7.9
Recreation	1,398	15	1,095	21	2,493	17	6.9
Income from timber	1,704	19	117	2	1,821	13	13.4
Farm and domestic use	824	9	364	7	1,188	8	10.3
Aesthetic enjoyment	2,737	30	2,082	40	4,819	34	4.5
Firewood	818	9	83	2	901	6	11.5
Other	373	4	268	5	641	5	14.5
No answer	272	3	317	6	589	4	14.9
Total	9,118	100	5,249	100	14,367	100	0.4
SE%	2.4		4.2		0.4		

Table 24.—Estimated number of ownerships and acres of forest land owned, by primary benefit expected in the future, New York, 1980 and 1994

Expected benefit	1980		1994	
	Number	Percent	Number	Percent
(In ownerships)				
Land value increase	110,300	22	54,400	11
Recreation	49,300	10	70,400	14
Timber production	13,700	2	14,800	3
Farm and domestic use	126,200	25	41,300	9
Enjoyment of owning	152,000	30	222,100	45
Other	14,000	3	52,600	11
No answer	41,000	8	35,700	7
Total	506,500	100	491,300	100
(In thousands of acres)				
Land value increase	2,536	18	1,915	13
Recreation	2,150	15	2,493	17
Timber production	1,509	10	1,821	13
Farm and domestic use	2,679	19	1,188	8
Enjoyment of owning	3,543	25	4,819	34
Other	1,523	10	1,542	11
No answer	487	3	589	4
Total	14,427	100	14,367	100

Table 25.—Estimated number of ownerships and acres of forest land, by whether a written management plan had been prepared, New York, 1994

Management plan preparation	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Ownerships with written plans	27,500	6	2,831	20
Forest industry	100	W	680	5
Other private	27,400	6	2,151	15
Ownerships with no written plan	429,900	87	11,120	77
No answer	33,900	7	416	3
Total	491,300	100	14,367	100

W-fewer than 50 owners or less than 0.5 percent.

Table 26.—Estimated number of ownerships and acres of forest land, by who prepared the written management plan, New York, 1994

Management plan preparation	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Owners with written plans	27,500	100	2,831	100
Who prepared the plan				
Owner	2,400	9	305	11
Consultant	3,600	13	955	34
Industrial forester	400	1	651	23
State employee	13,200	48	729	26
Extension	1,500	5	74	3
NRCS ^a	2,500	9	130	5
Other	4,300	16	275	10
Total ^b	27,900	101	3,119	110

^a Natural Resources Conservation Service.

^b Table totals to more than 100 percent because more than one person helped prepare some plans.

Table 27.—Estimated number of ownerships and acres of forest land, by harvest experience, forestry assistance, and ownership class, New York, 1994

Forestry assistance	Forest industry		Other private ownerships						SE%		
			1-49 acres		50-499 acres		500+ acres				
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
(In ownerships)											
Harvested											
Sought assistance	100	100	29,100	7	21,900	31	800	50	51,900	10	12.2
No assistance	W	W	109,600	26	18,600	27	400	25	128,600	26	12.0
No answer	W	W	10,000	2	2,700	4	W	W	12,700	3	29.2
	100	100	148,700	35	43,200	62	1,200	75	193,200	39	8.6
Did not harvest											
Sought assistance	0	0	35,900	9	7,100	10	200	13	43,200	9	22.4
No assistance	0	0	204,000	49	18,500	26	200	12	222,700	45	12.6
No answer	0	0	31,100	7	1,100	2	0	0	32,200	7	44.4
	0	0	271,000	65	26,700	38	400	25	298,100	61	10.9
All ownerships											
Sought assistance	100	100	65,000	16	29,000	41	1,000	63	95,100	19	12.1
No assistance	W	W	313,600	75	37,100	53	600	37	351,300	71	9.1
No answer	W	W	41,100	9	3,800	6	W	W	44,900	10	32.9
Total	100	100	419,700	100	69,900	100	1,600	100	491,300	100	7.1
(In thousands of acres)											
Harvested											
Sought assistance	821	95	561	12	2,371	32	1,096	73	4,849	34	4.9
No assistance	27	3	1,433	32	2,124	29	172	11	3,756	26	5.3
No answer	17	2	157	3	323	4	16	1	513	3	15.5
	865	100	2,151	47	4,818	65	1,284	85	9,118	63	2.4
Did not harvest											
Sought assistance	0	0	391	9	756	10	121	8	1,268	9	9.6
No assistance	0	0	1,782	39	1,757	24	101	7	3,640	25	5.4
No answer	0	0	233	5	108	1	0	0	341	3	19.3
	0	0	2,406	53	2,621	35	222	15	5,249	37	4.2
All Ownerships											
Sought assistance	821	95	952	21	3,127	42	1,217	81	6,117	43	4.4
No assistance	27	3	3,215	71	3,881	53	273	18	7,396	51	3.8
No answer	17	2	390	8	431	5	16	1	854	6	12.1
Total	865	100	4,557	100	7,439	100	1,506	100	14,367	100	0.4

W-fewer than 50 owners or less than 0.5 percent.

W-fewer than 50 owners or less than 0.5 percent.

Table 28.—Estimated number of ownerships that have received forestry assistance and acres of forest land, by type of assistance, New York, 1994

Type of assistance	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Information about forestry	40,200	8	2,757	19
Help with tree planting	28,100	6	1,027	7
General forest management	47,300	10	3,460	24
Information about wildlife	18,000	4	1,134	8
Help with timber sales	23,000	5	1,655	12
Help with insects or disease	7,400	2	1,127	8
Information on taxes	11,200	2	1,512	11
Information on forest recreation	1,500	W	316	2
Other	3,500	1	130	1
Total ^a	93,900	19	5,993	42
No answer	397,400	81	8,374	58

^a Individual items do not add to total because some ownerships received more than one type of assistance.

W-fewer than 50 owners or less than 0.5 percent.

Table 29.—Estimated number of ownerships and acres of forest land, by source of forestry assistance and ownership class, New York, 1994

Source of forestry assistance	Other private ownerships										
	Forest industry		1-49 acres		50-499 acres		500+ acres		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			

^a Natural Resources Conservation Service.

W-fewer than 50 owners or less than 0.5 percent.

Table 30.—Estimated number of ownerships and acres of forest land, by products harvested and ownership class, New York, 1994

Product harvested	Other private ownerships																				
	Forest industry		1-49 acres		50-499 acres		500+ acres		Total	Percent	SE%										
	Number	Percent	Number	Percent	Number	Percent	Number	Percent													
							(In ownerships)														
Fuelwood (personal use)	W		W		117,700		79		30,600		71		900		75		149,200		77		10.0
Fuelwood (sale)	W		W		11,300		8		8,900		21		400		33		20,600		11		20.9
Sawlogs	100		100		32,900		22		23,200		54		1,000		83		27,200		14		13.0
Pulpwood	100		100		3,100		2		5,700		13		400		33		9,300		5		17.5
Other products (personal use)	W		W		35,000		24		10,000		23		200		17		45,200		23		18.8
Other products (sale)	W		W		2,400		2		1,200		3		100		8		3,700		2		46.3
Christmas trees	W		W		2,400		2		900		2		100		8		3,400		2		37.3
Don't know	0		0		1,600		1		900		2		100		8		2,600		1		34.9
Total ^a	200		200		206400		140		81400		189		3200		265		261200		135		198.7
	(In thousands of acres)																				
Fuelwood (personal use)	215		25		1,712		80		3,480		72		866		67		6,273		69		4.1
Fuelwood (sale)	765		88		192		9		812		17		531		41		2,300		25		10.6
Sawlogs	865		100		647		30		2,672		55		1,056		82		5,240		57		4.6
Pulpwood	825		95		81		4		755		16		677		53		2,339		26		9.0
Other products (personal use)	190		22		538		25		1,248		26		262		20		2,238		25		8.7
Other products (sale)	383		44		53		2		139		3		79		6		654		7		30.8
Christmas trees	320		37		39		2		190		4		93		7		642		7		30.6
Don't know	0		0		48		2		99		2		44		3		191		2		25.9
Total ^a	3563		411		3310		154		9395		195		3608		279		19877		218		124.3

^a Totals exceed 100 percent because many owners harvested more than one product.
W-fewer than 50 owners or less than 0.5 percent.

Table 31.—Estimated number of private ownerships and acres of forest land owned, by harvest experience, New York, 1980 and 1994

Harvest experience	1980		1994	
	Number	Percent	Number	Percent
	(In ownerships)			
Harvesters	229,100	45	193,200	39
Nonharvesters	277,400	55	298,100	61
Total	506,500	100	491,300	100
	(In thousands of acres)			
Harvesters	9,406	65	9,118	63
Nonharvesters	5,021	35	5,249	37
Total	14,427	100	14,367	100

Table 32.—Estimated number of ownerships and acres of forest land, by reason for harvesting and type of ownership, New York, 1994

Reason for harvesting	Forest industry		Farmer		Miscellaneous individual		Miscellaneous corporate and other		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
(In ownerships)											
Timber mature	0	0	10,700	20	13,400	11	600	5	24,700	13	17.4
Good price	0	0	5,300	10	2,000	2	800	6	3,100	2	38.0
Land clearing	0	0	900	2	16,400	13	900	7	18,200	9	46.7
Needed money	W	W	5,400	10	12,400	10	2,800	22	20,600	10	31.3
Own or company use	100	100	13,000	24	42,100	33	2,500	20	57,700	30	14.3
Timber salvage	0	0	3,500	6	4,900	4	900	7	9,300	5	21.9
Wildlife habitat improvement	0	0	300	W	1,300	1	0	0	1,600	1	42.5
Improve view or recreation	0	0	0	0	600	W	200	2	800	W	63.4
Cultural treatment	W	W	2,500	4	5,400	4	3,600	28	11,500	6	30.9
Other	W	W	0	0	7,200	6	100	1	7,300	4	30.7
No answer	0	0	12,900	24	20,200	16	300	2	38,400	20	25.4
Total harvested	100	100	54,500	100	125,900	100	12,700	100	193,200	100	8.6
SE%	50.6		12.5		12.0				8.6		
(In thousands of acres)											
Timber mature	0	0	625	24	842	19	289	24	1,756	19	8.3
Good price	0	0	156	6	190	4	80	7	426	5	17.4
Land clearing	0	0	23	1	175	4	37	3	235	3	23.7
Needed money	28	3	323	12	404	9	198	16	953	10	11.9
Own or company use	372	43	731	28	1,260	28	126	10	2,489	27	7.3
Timber salvage	0	0	159	6	280	6	50	4	489	5	16.5
Wildlife habitat improvement	0	0	13	1	93	2	0	0	106	1	35.6
Improve view or recreation	0	0	0	0	28	1	24	2	52	1	57.8
Cultural treatment	145	17	221	9	543	12	255	21	1,164	13	13.9
Other	320	37	0	0	247	6	82	7	649	7	32.3
No answer	0	0	347	13	380	9	72	6	799	9	12.5
Total	865	100	2,598	100	4,442	100	1,213	100	9,118	100	2.4
SE%	26.8		6.4		5.0				2.4		

W-fewer than 50 owners or less than 0.5 percent.

Table 33.—Estimated number of ownerships and acres of forest land, by expected time of future harvest and harvest experience, New York, 1994

Expected time of future harvest			Did not		Total	Percent	SE%
	Harvested	Percent	harvest	Percent			
	(In ownerships)						
1-10 years	105,900	55	64,800	22	170,700	35	10.6
Possibly in future	73,400	38	91,500	30	164,900	33	11.5
Never	10,100	5	118,100	40	128,200	26	17.7
No answer	3,800	2	23,700	8	27,500	6	49.0
Total	193,200	100	298,100	100	491,300	100	7.1
SE%	8.6		10.9		7.1		
	(In thousands of acres)						
1-10 years	6,306	69	1,465	28	7,771	54	3.0
Possibly in future	2,221	24	1,939	37	4,160	29	5.0
Never	401	5	1,602	30	2,003	14	7.3
No answer	190	2	243	5	443	3	17.7
Total	9,118	100	5,249	100	14,367	100	0.4
SE%	2.4		4.2		0.4		

Table 34.—Estimated number of ownerships and acres of forest land, by reason for not harvesting and type of ownership, New York, 1994

Reason for not harvesting	Farmer		Miscellaneous individual		Miscellaneous corporate		Miscellaneous other		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
	(In ownerships)										
No market, price too low	3,400	10	2,500	1	0	0	3,700	28	9,600	3	40.2
Trees too small	1,100	3	13,200	5	0	0	0	0	14,300	5	39.4
Trees low quality	1,500	5	11,400	5	200	4	W	W	13,100	4	46.9
Scenery reduced	7,900	24	15,900	6	100	2	200	2	24,100	8	31.3
Destroy hunting	1,200	4	38,200	16	300	5	1,000	7	40,700	14	33.6
Distrust loggers	300	1	2,900	1	200	4	300	2	3,700	1	25.2
Oppose harvesting	3,700	11	34,200	14	1,200	21	1,200	9	40,300	14	18.1
Not enough volume	4,800	15	18,100	7	1,900	34	300	2	25,100	9	37.6
Insufficient area	0	0	45,100	18	700	12	0	0	45,800	15	41.2
Insufficient knowledge	3,200	10	11,800	5	800	14	100	1	15,900	5	27.2
Other	1,400	4	24,000	10	100	2	200	2	25,700	9	31.6
No answer	4,100	13	29,500	12	100	2	6,100	47	39,800	13	37.4
Total harvested	32,600	100	246,800	100	5,600	100	13,100	100	298,100	100	10.9
SE%	22.7		12.7		35.0		47.2		10.9		
(In thousands of acres)											
No market, price too low	80	9	103	3	0	0	23	7	206	4	25.2
Trees too small	94	10	303	8	0	0	0	0	397	7	17.5
Trees low quality	35	4	129	4	23	8	12	4	199	4	25.1
Scenery reduced	70	8	400	11	23	8	33	10	526	10	15.1
Destroy hunting	40	4	446	12	51	19	98	30	635	12	13.9
Distrust loggers	28	3	229	6	11	4	28	9	296	6	22.1
Oppose harvesting	143	15	751	20	44	16	54	17	992	19	11.0
Not enough volume	121	13	155	4	56	20	11	3	343	7	19.3
Insufficient area	0	0	162	4	11	4	0	0	173	3	26.8
Insufficient knowledge	112	12	369	10	23	8	15	5	519	10	16.1
Other	78	8	343	9	22	8	28	9	471	9	16.4
No answer	135	14	323	9	12	5	22	6	492	9	15.7
Total	936	100	3,713	100	276	100	324	100	5,249	100	4.2
SE%	11.5		5.3		20.0		19.8		4.2		

W-fewer than 50 owners or less than 0.5 percent.

Table 35.—Estimated number of ownerships and acres of forest land that have harvested timber for sale, by individual selecting timber, New York, 1994

Individual selecting timber for sale	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Landowner	11,800	17	806	14
Forester	9,800	14	2,048	35
Buyer	26,700	39	1,750	30
Landowner/forester	900	1	406	7
Landowner/buyer	6,800	10	340	6
Forester/buyer	4,300	6	228	4
Other	8,600	12	202	3
Total	68,900	100	5,780	100

Table 36.—Estimated number of ownerships that have harvested timber and acres of forest land, by individual selecting timber for sale, New York, 1994

Individual selecting timber for sale	Other private ownerships										
	Forest industry		1-49 acres		50-499 acres		500+ acres		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
	(In ownerships)										
Landowner	W	W	7,700	5	4,000	9	100	8	11,800	6	24.8
Forester	100	100	3,600	3	5,700	13	400	34	9,800	5	15.9
Buyer	0	0	16,500	11	10,000	23	200	17	26,700	14	15.5
Landowner/forester	W	W	0	0	800	2	100	8	900	1	36.5
Landowner/buyer	W	W	2,900	2	3,900	9	W	W	6,800	4	34.1
Forester/buyer	W	W	3,200	2	1,000	2	100	8	4,300	2	74.3
Other	0	0	7,700	5	900	2	0	0	8,600	4	52.3
No answer	W	W	107,100	72	16,900	40	300	25	124,300	64	8.2
Total	100	100	148,700	100	43,200	100	1,200	100	193,200	100	8.6
	(In thousands of acres)										
Landowner	12	1	152	7	493	10	149	12	806	9	12.5
Forester	618	72	93	4	749	16	588	46	2,048	22	10.6
Buyer	0	0	351	16	1,209	25	190	15	1,750	19	8.3
Landowner/forester	163	19	0	0	110	2	133	10	406	4	33.5
Landowner/buyer	12	1	66	3	230	5	32	2	340	4	19.7
Forester/buyer	45	5	13	1	91	2	79	6	228	3	29.2
Other	0	0	63	3	139	3	0	0	202	2	41.3
No answer	15	2	1,413	66	1,794	37	113	9	3,338	37	2.8
Total	865	100	2,151	100	4,818	100	1,284	100	9,118	100	2.4

W-fewer than 50 owners or less than 0.5 percent.

Table 37.—Estimated number of ownerships and acres of forest land, by size class and intention to harvest, New York, 1994

Size class (acres)	Future harvest										
	1-10 years	Percent	Indefinite	Percent	Never	Percent	No answer	Percent	Total	Percent	SE%
(In ownerships)											
1-9	67,000	39	77,800	47	89,900	70	16,400	60	251,100	51	14.1
10-19	25,700	15	31,600	19	12,100	10	4,300	16	73,700	15	11.3
20-49	41,700	24	31,600	19	17,200	13	4,400	16	94,900	19	6.7
50-99	19,100	11	12,300	8	5,500	4	1,400	5	38,200	8	6.6
100-199	10,500	6	6,100	4	2,400	2	600	2	19,600	4	6.9
200-499	5,600	4	5,000	3	1,100	1	400	1	12,100	2	16.4
500-999	700	1	400	W	100	W	0	0	1,200	W	22.3
1000-4999	300	W	100	W	W	W	0	0	400	W	18.1
5000+	100	W	0	0	W	W	W	W	100	W	27.0
Subtotal over 10	103,700	61	87,100	53	38,300	30	11,000	40	240,200	49	3.8
Total	170,700	100	164,900	100	128,200	100	27,500	100	491,300	100	7.1
SE%	10.6		11.5		17.7		49.0		7.1		
(In thousands of acres)											
1-9	275	3	273	6	298	15	23	5	869	6	11.3
10-19	328	4	422	10	150	8	50	11	950	7	11.0
20-49	1,144	15	956	23	505	25	133	31	2,738	19	6.4
50-99	1,290	17	792	19	362	18	82	19	2,526	18	6.6
100-199	1,319	17	732	18	307	15	73	17	2,430	17	7.0
200-499	1,415	18	746	18	281	14	56	13	2,498	17	6.9
500-999	432	6	132	3	44	2	0	0	608	4	14.5
1000-4999	454	6	108	3	44	2	0	0	606	4	15.3
5000+	1,115	14	0	0	11	1	16	4	1,142	8	19.9
Subtotal over 10	7,496	97	3,888	94	1,704	85	410	95	13,498	94	0.8
Total	7,771	100	4,160	100	2,003	100	433	100	14,367	100	0.4
SE%	3.0		5.0		7.3		17.7		0.4		
W - Fewer than 50 owners or less than 0.5 percent.											

W- Fewer than 50 owners or less than 0.5 percent.

Table 38.—Estimated number of ownerships and acres of forest land, by availability for recreation, New York, 1994

Recreation availability	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Owner permits recreation and does not recreate	34,800	7	1,619	11
Owner recreates and permits recreation	28,200	6	2,219	16
Owner recreates and did not answer on availability	235,800	48	6,466	45
Any recreation	298,800	61	10,304	72
No answer	192,500	39	4,063	28
Total	491,300	100	14,367	100

W-fewer than 50 owners or less than 0.5 percent.

Table 39. Estimated number of ownerships and acres of forest land, by type of recreational use by the owner, the owner's family, or immediate circle of friends, New York, 1994

Recreation by owner, family, and friends	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Hiking	144,300	29	6,093	42
Picnicking	109,000	22	4,579	32
Camping	114,900	23	4,444	31
Hunting	155,200	32	6,864	48
Fishing	76,200	16	3,658	25
Snowmobiling	76,700	16	3,515	24
Winter sports	89,300	18	3,554	25
Bird watching	151,400	31	4,771	33
Other	25,100	5	1,050	7
Any recreation ^a	264,000	54	8,685	61
No answer	227,300	46	5,682	39
Total	491,300	100	14,367	100

^a Individual items do not add to total because some ownerships have more than one type of use.

W-fewer than 50 owners or less than 0.5 percent.

Table 40.—Estimated number of ownerships and acres of forest land, by type of public recreational use, New York, 1994

Type of public use	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Hiking	25,500	5	2,014	14
Picnicking	11,600	2	1,048	7
Camping	5,800	1	524	4
Hunting	42,000	9	2,729	19
Fishing	15,600	3	1,507	10
Snowmobiling	16,600	3	1,586	11
Winter sports	15,000	3	1,297	9
Birdwatching	23,300	5	1,827	13
Other	2,400	1	720	5
Any recreation ^a	63,100	13	3,833	27
No answer	428,200	87	10,534	73
Total	491,300	100	14,367	100

^a Individual items do not add to total because some ownerships have more than one type of use.

W-fewer than 50 owners or less than 0.5 percent.

Table 41.—Estimated number of ownerships and acres of forest land, by availability for public recreation and ownership class, New York, 1994

Recreation availability	Other private ownerships									
	Forest industry		1-49 acres		50-499 acres		500+ acres		Total	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Public permitted	100	100	46,300	11	16,000	23	600	38	63,000	13
No answer	W	W	373,400	89	53,900	77	1,000	62	428,300	87
Total	100	100	419,700	100	69,900	100	1,600	100	491,300	100
(In thousands of acres)										
Public permitted	675	78	704	15	1,881	25	573	38	3,833	27
No answer	190	22	3,853	85	5,558	75	933	62	10,534	73
Total	865	100	4,557	100	7,439	100	1,506	100	14,367	100
W-fewer than 50 owners or less than 0.5 percent.										

Table 42.—Estimated number of private ownerships and acres of forest land owned, by size class and whether land is posted, New York, 1994

Posted status	Other private ownerships									
	Forest industry		1-49 acres		50-499 acres		500+ acres		Total	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Posted	W	W	169,200	40	49,500	71	1,400	88	220,100	45
Not posted	100	100	211,600	51	17,100	24	200	12	229,000	47
No answer	0	0	38,900	9	3,300	5	W	W	42,200	8
Total	100	100	419,700	100	69,900	100	1,600	100	491,300	100
(In thousands of acres)										
Posted	795	92	2,359	52	5,359	72	1,305	87	9,818	68
Not posted	70	8	1,857	41	1,702	23	169	11	3,798	27
No answer	0	0	341	7	378	5	32	2	751	5
Total	865	100	4,557	100	7,439	100	1,506	100	14,367	100
W-Fewer than 50 owners or less than 0.5 percent.										

Table 43.—Estimated number of ownerships and acres of forest land, by reason for posting, New York, 1994

Reason for posting	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
Past abuse	13,300	3	645	4
Safety	14,300	3	448	3
Liability	14,700	3	816	6
Control hunting	31,700	7	1,685	12
Prohibit hunting	25,600	5	706	5
Control access	28,400	6	1,729	12
Prohibit access	89,200	18	3,292	23
Other	2,100	W	428	3
No reason given	800	W	69	W
Total posted	220,100	45	9,818	68
Not posted	229,000	47	3,798	27
No answer	42,200	8	751	5
Total	491,300	100	14,367	100

W-fewer than 50 owners or less than 0.5 percent.

Table 44.—Estimated number of ownerships that have harvested timber and acres of forest land, by opinion question statement number and response to statement, New York, 1994

Statement number	Very strongly disagree	Strongly disagree	Disagree	Slightly disagree	No opinion	Slightly agree	Agree	Strongly agree	Very strongly agree	No answer	Total
(In ownerships)											
1	13,800	11,200	30,900	18,000	57,700	60,400	110,900	47,800	69,900	70,700	491,300
2	100,700	31,000	125,600	17,000	95,300	17,000	19,100	9,700	5,100	70,800	491,300
3	72,500	22,600	54,800	12,300	79,100	12,600	116,100	27,300	24,600	69,400	491,300
4	11,600	1,500	9,900	1,600	35,400	22,600	127,500	67,200	142,800	71,200	491,300
5	83,100	27,400	90,400	13,400	90,200	40,300	42,600	5,300	24,000	74,600	491,300
6	22,500	6,400	28,300	8,000	48,400	40,600	103,800	43,300	121,100	68,900	491,300
7	16,600	5,700	36,300	18,800	81,600	44,700	91,900	32,700	91,000	72,000	491,300
8	14,400	9,200	21,100	9,100	166,300	37,600	89,900	31,900	38,800	73,000	491,300
9	181,600	45,200	77,500	15,400	37,100	12,200	19,600	7,600	25,300	69,800	491,300
10	75,800	23,500	45,300	5,900	222,400	5,300	25,800	700	13,200	73,400	491,300
11	55,900	15,600	111,500	10,800	90,500	36,200	37,400	16,600	33,900	82,900	491,300
12	7,200	7,100	33,700	17,100	84,000	46,000	142,100	17,500	59,200	77,400	491,300
13	154,600	40,600	72,800	12,700	43,000	12,200	40,600	5,400	39,300	70,100	491,300
14	10,600	10,300	6,400	3,300	14,500	28,600	135,300	56,100	154,700	71,500	491,300
15	13,400	12,600	18,400	7,600	44,300	24,400	137,100	48,900	111,000	73,600	491,300
(In thousands of acres)											
1	603	300	1,397	477	1,576	1,433	4,387	946	1,212	2,036	14,367
2	2,268	1,581	3,486	728	2,243	834	754	190	303	1,980	14,367
3	2,906	1,577	2,051	385	1,513	398	2,253	482	904	1,898	14,367
4	259	95	294	93	1,562	417	3,980	1,627	3,986	2,054	14,367
5	1,548	501	2,135	506	2,281	1,516	2,472	767	711	1,930	14,367
6	1,626	433	1,172	330	1,212	1,132	2,787	1,295	2,468	1,912	14,367
7	398	180	948	324	1,914	1,530	2,917	1,307	2,917	1,932	14,367
8	432	232	728	380	4,045	1,181	3,152	934	1,253	2,030	14,367
9	4,048	1,347	2,498	632	1,223	556	876	405	847	1,935	14,367
10	2,873	1,084	2,026	302	4,397	451	664	127	315	2,128	14,367
11	2,323	955	3,185	384	2,296	684	1,354	313	627	2,246	14,367
12	388	161	733	368	2,151	1,409	4,488	1,118	1,470	2,081	14,367
13	4,448	996	2,121	714	1,030	532	1,269	368	958	1,931	14,367
14	718	264	772	639	714	926	3,462	1,544	3,410	1,918	14,367
15	407	250	1,036	211	1,464	814	3,832	1,370	3,018	1,965	14,367

Table 45.—Estimated number of ownerships and acres of forest land, by conservation-oriented publications they receive, New York, 1994

Publication	Ownerships		Acres owned	
	Number	Percent	Thousands	Percent
National Wildlife	27,400	6	1,665	12
Ranger Rick Magazine	28,500	6	769	5
Sports Afield	35,900	7	1,496	10
Audubon Magazine	18,900	4	1,209	8
Pennsylvania Game News	4,200	1	198	1
American Forests	700	W	704	5
Field and Stream	66,000	13	2,437	17
Tree Farm News	2,700	1	1,207	8
Northern Logger	4,000	1	1,366	10
Farm Journal	30,300	6	1,709	12
Other	87,400	18	2,953	21
None of the above	225,400	46	5,311	37
Total	491,300	100	14,367	100

W-fewer than 50 owners or less than 0.5 percent.

Table 46.—Estimated number of ownerships and acres of forest land, by occupation class and geographic region, New York, 1994

Occupation	Adirondack		Lake Plain		Southwest		Southeast		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
(In ownerships)											
Professional	10,000	13	9,900	16	17,300	14	29,400	17	66,600	14	16.5
Managers	5,500	7	14,500	17	20,300	16	24,000	14	64,300	13	19.0
Other white collar	1,200	2	8,000	5	2,600	2	4,400	2	16,200	3	25.9
All white collar	16,700	22	32,400	38	40,200	32	57,800	33	147,100	30	11.3
Craftsmen	3,900	5	2,300	6	10,700	9	4,100	2	21,000	4	26.1
Blue collar	3,700	5	10,000	4	8,000	6	5,700	4	27,400	6	26.8
All blue collar	7,600	10	12,300	10	18,700	15	9,800	6	48,400	10	18.8
Farmers	6,700	9	7,300	3	6,800	5	4,500	2	25,300	5	18.9
Service workers	3,100	4	600	1	600	1	1,000	1	5,300	1	34.9
Homemaker	2,000	3	200	3	3,000	2	900	1	6,100	1	46.8
Retired	25,500	34	46,400	28	22,100	18	65,300	37	159,300	33	16.2
No answer	11,600	15	10,100	9	25,600	20	16,800	10	64,100	13	25.9
All other owners	1,900	3	6,700	8	8,900	7	18,200	10	35,700	7	22.2
Total	75,100	100	116,000	100	125,900	100	174,300	100	491,300	100	7.1
SE%	13.4		14.0		14.4		13.1		7.1		
(In thousands of acres)											
Professional	462	10	239	15	495	13	497	14	1,693	12	8.4
Managers	454	9	216	15	524	14	538	16	1,732	12	8.3
Other white collar	149	3	125	5	160	4	165	5	599	4	14.6
All white collar	1,065	22	580	35	1,179	31	1,200	35	4,024	28	5.1
Craftsmen	230	5	68	4	212	6	105	3	615	4	14.5
Blue collar	163	3	125	2	171	4	75	2	534	4	15.4
All blue collar	393	8	193	6	383	10	180	5	1,149	8	10.4
Farmers	354	7	239	5	367	10	121	4	1,081	8	10.5
Service workers	90	2	34	2	50	1	44	1	218	1	24.5
Homemaker	78	2	23	2	63	2	63	2	227	2	24.4
Retired	1,114	23	626	29	863	23	868	25	3,471	24	5.6
No answer	369	7	284	6	321	9	235	7	1,209	8	10.1
All other owners	1,436	29	296	15	524	14	732	21	2,988	21	8.0
Total	4,899	100	2,275	100	3,750	100	3,443	100	14,367	100	0.4
SE%	0.5		1.2		0.8		0.9		0.4		

W-Fewer than 50 owners or less than 0.5 percent.

Table 47.—Estimated number of ownerships and acres of forest land, by primary reason for owning forest land and geographic region, New York, 1994

Reason for owning	Adirondack		Lake Plain		Southwest		Southeast		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
						(In ownerships)					
Land investment	3,600	5	7,000	6	4,100	3	9,000	5	23,700	5	19.8
Recreation	13,500	18	22,900	20	39,200	31	17,100	10	92,700	19	18.2
Timber production	500	1	200	W	700	1	100	W	1,500	W	24.9
Farm and domestic use	9,900	13	14,900	13	11,300	9	13,600	8	49,700	10	16.6
Aesthetic enjoyment	12,400	16	15,900	14	17,400	14	54,800	31	100,500	20	19.5
Part of farm	5,900	8	19,000	16	9,200	7	12,100	7	46,200	9	18.9
Part of residence	21,400	28	30,500	26	20,100	16	54,500	31	126,500	26	15.4
Estate	4,100	6	1,800	2	4,300	3	4,300	3	14,500	3	24.5
Other	900	1	2,400	2	5,200	4	8,500	5	17,000	4	27.1
No answer	2,900	4	1,400	1	14,400	12	300	W	19,000	4	67.6
Total	75,100	100	116,000	100	125,900	100	174,300	100	491,300	100	7.1
SE%	13.4		14.0		14.4		13.1		7.1		
	(In thousands of acres)										
Land investment	414	8	114	5	322	8	476	14	1,326	9	9.8
Recreation	979	20	375	16	937	25	520	15	2,811	20	6.4
Timber production	921	19	34	1	238	6	59	2	1,252	9	18.6
Farm and domestic use	492	10	353	16	489	13	244	7	1,578	11	8.6
Aesthetic enjoyment	737	15	353	16	399	11	739	21	2,228	16	7.4
Part of farm	405	8	353	16	446	12	274	8	1,478	10	8.9
Part of residence	445	9	444	20	372	10	590	17	1,851	13	7.9
Estate	282	6	79	3	162	4	205	6	728	5	13.2
Other	143	3	79	3	286	8	279	8	787	5	12.7
No answer	81	2	91	4	99	3	57	2	328	2	20.0
Total	4,899	100	2,275	100	3,750	100	3,443	100	14,367	100	0.4
SE%	0.5		1.2		0.8		0.9		0.4		

W-fewer than 50 owners or less than 0.5 percent.

Table 48.—Estimated number of ownerships and acres of forest land, by primary benefit expected in the next 10 years and geographic region, New York, 1994

Benefit expected	Adirondack		Lake Plain		Southwest		Southeast		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
	(In ownerships)										
Land value increase	5,400	7	15,200	13	17,800	14	16,000	9	54,400	11	17.5
Recreation	9,100	12	17,000	15	33,200	26	11,100	6	70,400	14	17.4
Income from timber	1,900	2	8,800	8	3,000	2	1,100	1	14,800	3	26.8
Farm and domestic use	13,300	18	7,200	6	5,000	4	15,800	9	41,300	9	23.8
Esthetic enjoyment	31,400	42	54,900	47	38,800	31	97,000	56	222,100	45	12.2
Firewood	5,900	8	7,600	6	8,100	7	12,800	7	34,400	7	22.4
Other	3,500	5	900	1	2,000	2	11,800	7	18,200	4	38.2
No answer	4,600	6	4,400	4	18,000	14	8,700	5	35,700	7	38.8
Total	75,100	100	116,000	100	125,900	100	174,300	100	491,300	100	7.1
SE%	13.4		14.0		14.4		13.1		7.1		
	(In thousands of acres)										
Land value increase	532	11	250	11	434	11	699	20	1,915	13	7.9
Recreation	807	16	421	18	814	22	451	13	2,493	17	6.9
Income from timber	1,007	21	182	8	509	13	123	4	1,821	13	13.4
Farm and domestic use	458	9	182	8	355	9	193	6	1,188	8	10.3
Esthetic enjoyment	1,409	29	785	35	1,119	30	1506	44	4,819	34	4.5
Firewood	268	5	273	12	248	7	112	3	901	6	11.5
Other	243	5	68	3	135	4	195	5	641	5	14.5
No answer	175	4	114	5	136	4	164	5	589	4	14.9
Total	4,899	100	2,275	100	3,750	100	3,443	100	14,367	100	0.4
SE%	0.5		1.2		0.8		0.9		0.4		

W- fewer than 50 owners or less than 0.5 percent.

Table 49.—Estimated number of ownerships and acres of forest land, by reason for harvesting and geographic region, New York, 1994

Reason for harvesting	Adirondack		Lake Plain		Southwest		Southeast		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
Timber mature	2,300	5	9,200	18	9,300	21	3,900	8	24,700	13	17.4
Good Price	1,600	4	3,500	7	2,000	5	1,000	2	3,100	2	38.0
Land clearing	13,800	31	1,700	3	600	1	2,100	4	18,200	9	46.7
Needed Money	4,900	11	8,000	15	4,100	10	3,600	7	20,600	10	31.3
Own or company use	10,600	23	17,900	34	10,600	24	18,600	36	57,700	30	14.3
Timber salvage	3,000	7	3,100	6	1,900	4	1,300	2	9,300	5	21.9
Wildlife habitat improvement	500	1	0	0	1,000	2	100	W	1,600	1	42.5
Improve view or recreation	100	W	0	0	700	2	W	W	800	W	63.4
Cultural treatment	1,900	4	2,200	4	6,000	14	1,400	3	11,500	6	30.9
Other	1,900	4	200	W	400	1	4,800	9	7,300	4	30.7
No answer	4,600	10	6,700	13	7,000	16	15,100	29	38,400	20	25.4
Total	45,200	100	52,500	100	43,600	100	51,900	100	193,200	100	8.6
SE%	19.8		17.1		13.4		17.4		8.6		
(In thousands of acres)											
Timber mature	475	13	273	20	756	30	252	14	1,756	19	8.3
Good Price	135	4	68	5	148	6	75	4	426	5	17.4
Land clearing	98	3	45	3	13	1	79	4	235	3	23.7
Needed Money	359	10	171	13	235	9	188	11	953	10	11.9
Own or company use	1,011	29	353	26	537	22	588	34	2,489	27	7.3
Timber salvage	215	6	91	7	113	5	70	4	489	5	16.5
Wildlife habitat improvement	44	1	0	0	51	2	11	1	106	1	35.6
Improve view or recreation	16	1	0	0	25	1	11	1	52	1	57.8
Cultural treatment	568	16	125	9	334	13	137	8	1,169	13	13.9
Other	393	11	23	2	44	2	189	11	649	7	32.3
No answer	224	6	205	15	223	9	147	8	794	9	12.5
Total	3,538	100	1,354	100	2,479	100	1,747	100	9,118	100	2.4
SE%	3.4		6.0		4.2		6.0		2.4		

W-fewer than 50 owners or less than 0.5 percent.

Table 50.—Estimated number of ownerships and acres of forest land, by reason for not harvesting and geographic region, New York, 1994

Reason for not harvesting	Adirondack		Lake Plain		Southwest		Southeast		Total	Percent	SE%
	Number	Percent	Number	Percent	Number	Percent	Number	Percent			
(In ownerships)											
No market, price too low	1,100	4	2,000	3	4,200	5	2,300	2	9,600	3	40.2
Trees too small	400	1	2,400	4	7,400	9	4,100	3	14,300	5	39.4
Trees low quality	800	3	1,100	2	10,500	13	700	1	13,100	4	46.9
Scenery reduced	1,700	6	7,800	12	1,900	2	12,700	10	24,100	8	31.3
Destroy hunting	3,700	12	15,900	25	14,500	18	6,600	5	40,700	14	33.6
Distrust loggers	1,600	5	W	W	700	1	1,400	1	3,700	1	25.2
Oppose harvesting	5,200	18	10,100	16	5,800	7	19,200	16	40,300	14	18.1
Not enough volume	6,900	23	5,100	8	3,000	4	10,100	8	25,100	9	37.6
Insufficient area	1,200	4	9,200	15	6,600	8	28,800	24	45,800	15	41.2
Insufficient knowledge	2,700	9	4,800	7	5,000	6	3,400	3	15,900	5	27.2
Other	1,300	4	1,900	3	5,000	6	17,500	14	25,700	9	31.6
No answer	3,300	11	3,200	5	17,700	21	15,600	13	39,800	13	37.4
Total	29,900	100	63,500	100	82,300	100	122,400	100	298,100	100	10.9
SE%	18.4		23.1		21.7		18.0		10.9		
(In thousands of acres)											
No market, price too low	73	5	46	5	61	5	26	2	206	4	25.2
Trees too small	73	5	80	9	196	15	48	3	397	7	17.5
Trees low quality	54	4	23	2	74	6	48	3	199	4	25.1
Scenery reduced	107	8	80	9	110	8	229	13	526	10	15.1
Destroy hunting	171	13	136	15	198	15	130	8	635	12	13.9
Distrust loggers	141	10	11	1	49	4	95	6	296	6	22.1
Oppose harvesting	210	16	193	21	125	10	464	27	992	19	11.0
Not enough volume	114	8	68	7	75	6	86	5	343	7	19.3
Insufficient area	12	1	46	5	25	2	90	5	173	3	26.8
Insufficient knowledge	219	16	91	10	97	8	112	7	519	10	16.1
Other	109	8	68	7	100	8	194	11	471	9	16.4
No answer	78	6	79	9	161	13	174	10	492	9	15.7
Total	1,361	100	921	100	1,271	100	1,696	100	5,249	100	4.2
SE%	8.7		8.7		8.1		6.2		4.2		

W-fewer than 50 owners or less than 0.5 percent.

Table 51.—Estimated number of ownerships and acres of forest land, by expected time of future harvest and past harvest experience, Adirondack Region, New York, 1994

Expected time of future harvest	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
(In ownerships)							
1-10 years	25,200	56	5,200	17	30,400	40	20.4
Indefinite	16,600	37	10,200	34	26,800	36	26.6
Never	2,000	4	10,900	37	12,900	17	35.0
No answer	1,400	3	3,600	12	5,000	7	39.6
Total	45,200	100	29,900	100	75,100	100	13.4
SE%	19.8		18.4		13.4		
(In thousands of acres)							
1-10 years	2,696	76	402	29	3,098	63	5.3
Indefinite	671	19	511	38	1,182	24	11.6
Never	93	3	326	24	419	9	18.8
No answer	77	2	123	9	200	4	27.6
Total	3,537	100	1,362	100	4,899	100	0.5
SE%	3.4		8.7		0.5		

Table 52.—Estimated number of ownerships and acres of forest land, by expected time of future harvest and past harvest experience, Lake Plain Region, New York, 1994

Expected time of future harvest	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
(In ownerships)							
1-10 years	27,700	55	25,800	22	53,500	35	26.2
Indefinite	23,100	38	20,900	30	44,000	33	21.4
Never	600	5	16,200	40	16,800	26	25.5
No answer	1,100	2	600	8	1,700	6	54.9
Total	52,500	100	63,500	100	116,000	100	14.0
SE%	17.1		23.1		14.0		
(In thousands of acres)							
1-10 years	830	69	228	28	1,058	54	7.7
Indefinite	455	24	375	37	830	29	9.4
Never	46	5	295	30	341	14	16.9
No answer	23	2	23	5	46	3	49.6
Total	1,354	100	921	100	2,275	100	1.2
SE%	6.0		8.7		1.2		

Table 53.—Estimated number of ownerships and acres of forest land, by expected time of future harvest and past harvest experience, Southwest Region, New York, 1994

Expected time of future harvest	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
(In ownerships)							
1-10 years	24,500	56	16,400	20	40,900	32	13.2
Indefinite	13,800	32	27,500	33	41,300	33	22.8
Never	4,200	10	24,600	30	28,800	23	32.5
No answer	1,100	2	13,800	17	14,900	12	85.2
Total	43,600	100	82,300	100	125,900	100	14.4
SE%	13.4		21.7		14.4		
(In thousands of acres)							
1-10 years	1,719	69	478	37	2,197	59	4.9
Indefinite	637	26	480	38	1,117	30	8.9
Never	49	2	263	21	312	8	19.2
No answer	74	3	50	4	124	3	31.2
Total	2,479	100	1,271	100	3,750	100	0.8
SE%	4.2		8.1		0.8		

Table 54.—Estimated number of ownerships and acres of forest land, by expected time of future harvest and past harvest experience, Southeast Region, New York, 1994

Expected time of future harvest	Harvested	Percent	Did not harvest	Percent	Total	Percent	SE%
(In ownerships)							
1-10 years	28,600	55	17,300	14	45,900	26	17.4
Indefinite	19,900	38	32,900	27	52,800	30	21.6
Never	3,300	7	66,400	54	69,700	40	28.2
No answer	100	W	5,800	5	5,900	4	66.4
Total	51,900	100	122,400	100	174,300	100	13.1
SE%	17.4		18.0		13.1		
(In thousands of acres)							
1-10 years	1,060	61	358	21	1,418	41	7.4
Indefinite	459	26	572	34	1,031	30	9.4
Never	213	12	717	42	930	27	9.9
No answer	15	1	49	3	64	2	44.8
Total	1,747	100	1,696	100	3,443	100	0.8
SE%	6.0		6.2		0.8		

Birch, Thomas W.; Butler Brett J. 2001. **Private forest-land ownerships of New York: 1980 and 1994.** Resour. Bull. NE-153. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. 75 p.

A report on a mail survey of private forest-land owners in New York State. Landowner characteristics, attitudes, harvesting experience, tenure, and management planning are discussed.

Keywords: Forest-land ownership, owner objectives, timber harvesting, forestry assistance, recreation





Headquarters of the Northeastern Research Station is in Newtown Square, Pennsylvania. Field laboratories are maintained at:

Amherst, Massachusetts, in cooperation with the University of Massachusetts

Burlington, Vermont, in cooperation with the University of Vermont

Delaware, Ohio

Durham, New Hampshire, in cooperation with the University of New Hampshire

Hamden, Connecticut, in cooperation with Yale University

Morgantown, West Virginia, in cooperation with West Virginia University

Parsons, West Virginia

Princeton, West Virginia

Syracuse, New York, in cooperation with the State University of New York, College of Environmental Sciences and Forestry at Syracuse University

Warren, Pennsylvania

The U. S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at (202)720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue SW, Washington, DC 20250-9410, or call (202)720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

"Caring for the Land and Serving People Through Research"